Technical Data Sheet

Addisil™ 60 X-Ray

Description

The Addisil® 60 X-Ray is a one-component heat curable rubber for making elastomers (HCE) with a hardness of 60 Shore A for medical applications. This compound is based on a platinum cure system, which is particularly suitable for high value extrusion applications where regulatory compliance, mechanical performance and/or productivity are important. The material is especially suitable as an X-Ray marker on the manufacture of extruded transparent tubing and profiles for use in healthcare applications.

Key Performance Properties:

- Regulatory compliance (no peroxide decomposition products)
- Excellent mechanical properties
- Dry, non-stick surface
- Odourless during processing and in its application
- Fast curing
- One component, ready to use
- X-Ray Detectable
- White colour
- Shelf life of 3 months from date of manufacturing

The ingredients used to formulate this product are compositionally compliant with 21 CFR 177.2600, Rubber articles intended for repeated use and the BfR recommendation XV “Silicone”. It is the responsibility of the user to determine that the finished product complies with the provisions of 21 CFR 177.2600 and BfR recommendation XV under their specific manufacturing procedures. See 21 CFR 177.2600 and BfR recommendation for details of extractive limitations and other

*Addisil™ es una marca comercial de Momentive Performance Materials Inc.

requirements.

Typical Product Data

T ypical Properties of the Vulcanized Rubber: Test results on moulded slabs, Vulcanization conditions: 10 mins. @ 175OC Post cure: 4h @ 200OC in hot air			A ddisil 60 X-Ray
Density	BS ISO 2781: 2010	g/cm³	1.27
Hardness	BS ISO 7619-1: 2010	Shore A	60
Tensile Strength	BS ISO 37: 2011	MPa	9
Elongation At Break	BS ISO 37: 2011	%	600
Tear strength	ASTM D 624 (Die B)	N/mm	35

Typical product data should not be used as specifications. For assistance and specifications please contact Momentive Performance Materials.

Packaging

Addisil 60 X-Ray is available in 25kg, 250Kg and 500kg cardboard boxes.

Instructions for Use

Cure inhibition: Being a platinum cure mechanism, the following contaminants can cause cure inhibition:

- Amine derivatives: organic and inorganic basic compounds
- Sulphur products: anti-oxidants from plastics (thio compounds and sulphides)
- Metal soaps: Mould release agents or anti-acids as Zn or Ca Stearate from Polyolefins
- Tin Compounds
- Phosphorous products: anti-oxidants from plastics (phosphines and phosphates)

Storage Period

The shelf life for **Addisil 60 X-Ray** is 3 months if stored in the original unopened boxes under dry conditions at room temperature (max. 27OC, < 60% rel. humidity). The shelf life will be indicated by the “use before date” on the associated Certificate of Analysis.

Availability

*Addisil™ es una marca comercial de Momentive Performance Materials Inc.

Addisil 60 X-Ray may be ordered from your regular sales contact.

Patent Status

Nothing contained herein shall be construed to imply the nonexistence of any relevant patents or to constitute the permission, inducement or recommendation to practice any invention covered by any patent, without authority from the owner of the patent.

Product Safety, Handling and Storage

Customers should review the latest Safety Data Sheet (SDS) and label for product safety information, safe handling instructions, personal protective equipment if necessary, emergency service contact information, and any special storage conditions required for safety. Momentive Performance Materials (MPM) maintains an around-the-clock emergency service for its products. SDS are available at www.momentive.com or, upon request, from any MPM representative. For product storage and handling procedures to maintain the product quality within our stated specifications, please review Certificates of Analysis, which are available in the Order Center. Use of other materials in conjunction with MPM products (for example, primers) may require additional precautions. Please review and follow the safety information provided by the manufacturer of such other materials.

Limitations

Customers must evaluate Momentive Performance Materials products and make their own determination as to fitness of use in their particular applications.

Contact Information

Email
commercial.services@momentive.com

Telephone

Americas	**Latin America**	**EMEAI- Europe, Middle East, Africa & India**	**ASIA PACIFIC**
+1 800 295 2392	**Brazil**	**Europe**	**China**
Toll free*	+55 11 4534 9650	+390510924300	800 820 0202
	Direct Number	Direct number	Toll free

*Addisil™ es una marca comercial de Momentive Performance Materials Inc.

+704 805 6946
Direct Number
*All American countries

Mexico
+52 55 2169 7670
Direct Number

India, Middle East & Africa
+ 91 44 71212207
Direct number*
***All Middle Eastern countries, Africa, India,**

+86 21 3860 4892
Direct number

Japan
+81 3 5544 3111
Direct number

Korea
+82 2 6201 4600

For literature and technical assistance, visit our website at: www.momentive.com

DISCLAIMER:

THE MATERIALS, PRODUCTS AND SERVICES OF MOMENTIVE PERFORMANCE MATERIALS INC. AND ITS SUBSIDIARIES AND AFFILIATES (COLLECTIVELY "SUPPLIER"), ARE SOLD SUBJECT TO SUPPLIER'S STANDARD CONDITIONS OF SALE, WHICH ARE INCLUDED IN THE APPLICABLE DISTRIBUTOR OR OTHER SALES AGREEMENT, PRINTED ON THE BACK OF ORDER ACKNOWLEDGMENTS AND INVOICES, AND AVAILABLE UPON REQUEST. ALTHOUGH ANY INFORMATION, RECOMMENDATIONS, OR ADVICE CONTAINED HEREIN IS GIVEN IN GOOD FAITH, SUPPLIER MAKES NO WARRANTY OR GUARANTEE, EXPRESS OR IMPLIED, (i) THAT THE RESULTS DESCRIBED HEREIN WILL BE OBTAINED UNDER END-USE CONDITIONS, OR (ii) AS TO THE EFFECTIVENESS OR SAFETY OF ANY DESIGN INCORPORATING ITS PRODUCTS, MATERIALS, SERVICES, RECOMMENDATIONS OR ADVICE. EXCEPT AS PROVIDED IN SUPPLIER'S STANDARD CONDITIONS OF SALE, SUPPLIER AND ITS REPRESENTATIVES SHALL IN NO EVENT BE RESPONSIBLE FOR ANY LOSS RESULTING FROM ANY USE OF ITS MATERIALS, PRODUCTS OR SERVICES DESCRIBED HEREIN. Each user bears full responsibility for making its own determination as to the suitability of Supplier's materials, services, recommendations, or advice for its own particular use. Each user must identify and perform all tests and analyses necessary to assure that its finished parts incorporating Supplier's products, materials, or services will be safe and suitable for use under end-use conditions. Nothing in this or any other document, nor any oral recommendation or advice, shall be deemed to alter, vary, supersede, or waive any provision of Supplier's standard Conditions of Sale or this Disclaimer, unless any such

*Addisil™ es una marca comercial de Momentive Performance Materials Inc.

modification is specifically agreed to in a writing signed by Supplier. No statement contained herein concerning a possible or suggested use of any material, product, service or design is intended, or should be construed, to grant any license under any patent or other intellectual property right of Supplier covering such use or design, or as a recommendation for the use of such material, product, service or design in the infringement of any patent or other intellectual property right.

*Addisil™ es una marca comercial de Momentive Performance Materials Inc.

The use of the "™" symbol designates registered or unregistered trademarks of Momentive Performance Materials Inc. or its affiliated companies. Momentive and the Momentive logo are trademarks of Momentive Performance Materials Inc.