

Addisil™ 150 E

Rubber

Momentive Performance Materials Inc.

Message:

The Addisil 1X0 E series is a one-component heat curable rubber for making elastomers (HCE) with a hardness range between 40 and 70 Shore A for medical applications. This series is based on a platinum cure system, which is particularly suitable for high value extrusion applications where regulatory compliance, transparency, mechanical performance and/or productivity are important. The series is especially suitable for the manufacture of extruded transparent tubing and profiles for use in healthcare applications.

- Key Features and Benefits
- High transparency, no yellowing
 - Excellent mechanical properties
 - Dry, non-stick surface
 - Odourless during processing and in its application
 - Fast curing
 - One-component, ready to use
 - Shelf life of 3 months from date of manufacturing.

General Information	
Features	Fast Cure
	Food Contact Acceptable
	Heat Cure
	High Clarity
	Low to No Odor
	Non-Stick
Uses	Medical/Healthcare Applications
	Profiles
	Tubing
Agency Ratings	BfR Food Contact, Unspecified Rating
	FDA 21 CFR 177.2600
Appearance	Clear/Transparent
Processing Method	Extrusion
	Profile Extrusion

Physical	Nominal Value	Unit	Test Method
Density	1.18	g/cm ³	DIN 53479
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	50		DIN 53505
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength	10.0	MPa	DIN 53504
Tensile Elongation (Break)	800	%	DIN 53504
Tear Strength ¹	45.0	kN/m	ASTM D624

Compression Set (175°C, 22 hr)	15	%	DIN 53517
Thermoset	Nominal Value	Unit	
Shelf Life	13	wk	
Post Cure Time (200°C)	4.0	hr	
Additional Information	Nominal Value	Unit	
Vulcanization (175°C)	10.0	min	
NOTE			
1.	Die B		

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