

# Addisil™ 60 Xray

Rubber

Momentive Performance Materials Inc.

## Message:

The Addisil 60 Xray 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, 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 manufacture

General Information			
Features	Fast Cure		
	Heat Cure		
	High Clarity		
	Low to No Odor		
	Non-Stick		
Uses	Medical/Healthcare Applications		
	Profiles		
	Tubing		
Agency Ratings	BfR Food Contact, Unspecified Rating		
	FDA Unspecified Rating		
Appearance	Clear/Transparent		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Density	1.26	g/cm <sup>3</sup>	DIN 53479
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	60		DIN 53505
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength	10.0	MPa	DIN 53504
Tensile Elongation (Break)	600	%	DIN 53504
Tear Strength <sup>1</sup>	35.0	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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