

Precision Polymer E70A

Ethylene Propylene Diene Terpolymer

Precision Polymer Engineering Ltd.

Message:

Blue, Ethylene Propylene Terpolymer (EPT), 65-75 IRHD. Terpolymer of ethylene, propylene and diene monomers. Formulated using only those ingredients determined by the United States Food and Drug Administration (FDA), in accordance with Code of Federal Regulations Title 21 (CFR21), Section 177.2600. ASTM & ISO designation = EPDM.
Formulated for repeated use with aqueous foodstuffs intended for human consumption. Not suitable for use with fatty foodstuffs

General Information			
Features	Compliance of Food Exposure		
Agency Ratings	FDA 21 CFR 177.2600		
Hardness	Nominal Value	Test Method	
IRHD Hardness	70	ASTM D1415, ISO 48	
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	6.00	MPa	ASTM D412, ISO 37
Tensile Elongation (Break)	150	%	ASTM D412, ISO 37
Compression Set			
70°C, 22 hr	25	%	ASTM D395B
70°C, 22 hr ¹	25	%	ISO 815
Aging	Nominal Value	Unit	Test Method
Change in Tensile Strength in Air (100°C, 70 hr)	-25	%	ASTM D412, ISO 37
Change in Ultimate Elongation in Air (100°C, 70 hr)	-25	%	ASTM D412, ISO 37
Change in IRHD Hardness in Air (100°C, 70 hr)	10		ASTM D573, ISO 188
Thermal	Nominal Value	Unit	
Maximum Operating Temperature	150	°C	
Low Temperature Resistance - Non-brittle for 3 minutes			
--	-40	°C	ISO R812
--	-40	°C	ASTM D2137
Additional Information	Nominal Value	Unit	Test Method
Minimum Operating Temperature: -40°C (-40°F)			
NOTE			
1.	Type B		

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection.All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

