

# Precision Polymer E70D

Ethylene Propylene Diene Terpolymer

Precision Polymer Engineering Ltd.

## Message:

Sulphur cured Ethylene Propylene Terpolymer 60-70 °IRHD. Terpolymer of ethylene, propylene and diene monomers. Formulated in accordance with BS2494 Type ‘W’.

For joint rings, sealing rings and gaskets, and general applications where water and weathering resistance is required

General Information			
Features	Good weather resistance		
Uses	Washer		
	Seals		
	General		
Agency Ratings	BS 2494, Type W		
Hardness	Nominal Value		Test Method
IRHD Hardness	65		ASTM D1415, ISO 48
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	11.0	MPa	ASTM D412, ISO 37
Tensile Elongation (Break)	450	%	ASTM D412, ISO 37
Compression Set			
70°C, 22 hr	14	%	ASTM D395B
70°C, 22 hr <sup>1</sup>	14	%	ISO 815
Aging	Nominal Value	Unit	Test Method
Change in Tensile Strength in Air (168°C, 70 hr)	-20	%	ASTM D412, ISO 37
Change in Ultimate Elongation in Air (168°C, 70 hr)	-30	%	ASTM D412, ISO 37
Change in IRHD Hardness in Air (168°C, 70 hr)	5.0		ASTM D573, ISO 188
Thermal	Nominal Value	Unit	
Maximum Operating Temperature	150	°C	
Additional Information			
Minimum Operating Temperature: -30°C (-22°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

