Monprene® IN-23695

Teknor Apex Company - Thermoplastic Elastomer

Wednesday, April 1, 2026

General Information

Product Description

Monprene IN-23695 is a general purpose thermoplastic elastomer designed for a variety of industrial applications, including seals and gaskets. Monprene IN-23695 is a high density, high hardness, RoHS compliant grade suitable for extrusion.

General			
Material Status	• Commercial: Active		
Availability	• Africa & Middle East • Asia Pacific	• Europe • Latin America	• North America
Features	• Abrasion Resistant • Chemical Resistant • Good Adhesion • Good Colorability • Good Melt Strength • Good Processability	• Good Processing Stability • Good Tear Strength • Good Toughness • Halogen Free • High Density • High Elongation	• High Hardness • High Specific Gravity • Low Compression Set • Low Flow
Uses	• Gaskets • Handles • Hose • Industrial Applications	• Low Temperature Applications • Pipe Seals • Profiles • Rubber Replacement	• Seals • Tubing • Wheels/Casters • Windows & Doors
RoHS Compliance	• RoHS Compliant		
Appearance	• Colors Available	• Natural Color	
Forms	• Pellets		
Processing Method	• Extrusion		

Properties [1]

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.18		ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	4.0	g/10 min	ASTM D1238
Elastomers	**Nominal Value**	**Unit**	**Test Method**
Tensile Stress [2]			ASTM D412
Across Flow : 100% Strain	551	psi	
Flow : 100% Strain	738	psi	
Tensile Strength [2]			ASTM D412
Across Flow : Break	986	psi	
Flow : Break	1130	psi	
Tensile Elongation [2]			ASTM D412
Across Flow : Break	600	%	
Flow : Break	550	%	
Tear Strength [2]			ASTM D624
Across Flow	220	lbf/in	
Flow	180	lbf/in	
Compression Set [3]			ASTM D395B
73°F, 22 hr	42	%	
158°F, 22 hr	64	%	
Hardness	**Nominal Value**	**Unit**	**Test Method**
Durometer Hardness			ASTM D2240
Shore A, 1 sec, Injection Molded	95		
Shore A, 5 sec, Injection Molded	93		

Revision Date: 1/23/2024

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Processing Information

Extrusion	Nominal Value	Unit
Cylinder Zone 1 Temp.	420 to 460	°F
Cylinder Zone 2 Temp.	420 to 460	°F
Cylinder Zone 3 Temp.	420 to 460	°F
Cylinder Zone 4 Temp.	420 to 460	°F
Cylinder Zone 5 Temp.	420 to 460	°F
Die Temperature	420 to 460	°F

Extrusion Notes

Screw Speed: 30 to 100 rpm

Notes

[1] Typical properties: these are not to be construed as specifications.

[2] Die C, 20 in/min

[3] Type 1

Teknor Apex Company
Corporate Headquarters

In U.S. for Vinyls, TPEs, Colorants, Engineered Thermoplastics (Chem Polymer)
505 Central Avenue
Pawtucket, Rhode Island 02861 U.S.

Phone: 401-725-8000
Fax: 401-725-8095
Toll Free (U.S. only) 800-556-3864

www.teknorapex.com
info@teknorapex.com

Teknor Apex B.V.

Brightlands Chemelot Campus Umonderbaan 22
6167 RD Geleen, Netherlands

Phone: +31 46 7020 950
Fax: +31 46 7020 990

www.teknorapex.com
tpe@teknorapex.com

Teknor Apex (Suzhou) Advanced Polymer Compounds Co. Pte. Ltd.

No. 78 Ping Sheng Road

Suzhou Industrial Park
Jiangsu, China 215126

Phone: (86) 512-6287-1550
Fax: (86) 512-6288-8371

www.teknorapex.com
infotaap@teknoapex.com

Teknor Apex Asia Pacific PTE. LTD.

41 Shipyard Road

Singapore 628134

Phone: (65) 6265-2544
Fax: (65) 6265-1821

www.teknorapex.com
infotaap@teknorapex.com

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