Monprene® IN-15067

Teknor Apex Company - Thermoplastic Elastomer

Wednesday, April 1, 2026

General Information

Product Description

Monprene IN-15067 is a general purpose thermoplastic elastomer designed for the industrial market. Monprene IN-15067 is a clear, low density, medium flow grade that is suitable for injection molding and extrusion.

General			
Material Status	• Commercial: Active		
Availability	• Africa & Middle East • Asia Pacific	• Europe • Latin America	• North America
Features	• Bondability • Good Colorability • Good Mold Release • Good Moldability	• Good Processability • Low Density • Low Specific Gravity • Medium Flow	• Medium Hardness • Without Fillers
Uses	• Consumer Applications • Gaskets • Handles	• Safety Equipment • Seals • Tubing	• Writing Instruments
RoHS Compliance	• RoHS Compliant		
Appearance	• Clear/Transparent	• Colors Available	• Natural Color
Forms	• Pellets		
Processing Method	• Extrusion	• Injection Molding	

Properties [1]

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	0.892		ASTM D792
Melt Mass-Flow Rate (MFR) (200°C/5.0 kg)	19	g/10 min	ASTM D1238
Elastomers	**Nominal Value**	**Unit**	**Test Method**
Tensile Stress [2]			ASTM D412
Across Flow : 100% Strain	405	psi	
Flow : 100% Strain	481	psi	
Tensile Stress [2]			ASTM D412
Across Flow : 300% Strain	608	psi	
Flow : 300% Strain	698	psi	
Tensile Strength [2]			ASTM D412
Across Flow : Break	1240	psi	
Flow : Break	1010	psi	
Tensile Elongation [2]			ASTM D412
Across Flow : Break	650	%	
Flow : Break	520	%	
Tear Strength [2]			ASTM D624
Across Flow	235	lbf/in	
Flow	216	lbf/in	
Compression Set [3]			ASTM D395B
73°F, 22 hr	21	%	
158°F, 22 hr	84	%	
Hardness	**Nominal Value**	**Unit**	**Test Method**
Durometer Hardness			ASTM D2240
Shore A, 1 sec, Injection Molded	69		
Shore A, 5 sec, Injection Molded	67		

Revision Date: 3/4/2019

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Processing Information

Injection	Nominal Value	Unit
Rear Temperature	360 to 400	°F
Middle Temperature	360 to 400	°F
Front Temperature	360 to 400	°F
Nozzle Temperature	360 to 400	°F
Processing (Melt) Temp	360 to 400	°F
Mold Temperature	60 to 90	°F
Injection Pressure	200 to 800	psi
Injection Rate	Fast	
Back Pressure	25.0 to 100	psi
Screw Speed	50 to 100	rpm
Cushion	0.150 to 1.00	in

Injection Notes

Drying is not necessary. However, if moisture is a problem, dry the pellets for 2 to 4 hours at 150°F (65°C).

Extrusion	Nominal Value	Unit
Cylinder Zone 1 Temp.	340 to 380	°F
Cylinder Zone 2 Temp.	340 to 380	°F
Cylinder Zone 3 Temp.	340 to 380	°F
Cylinder Zone 4 Temp.	340 to 380	°F
Cylinder Zone 5 Temp.	340 to 380	°F
Die Temperature	340 to 380	°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

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