Monprene® IN-32060 XRD NAT

Teknor Apex Company - Thermoplastic Elastomer

Wednesday, April 1, 2026

General Information

General			
Material Status	• Commercial: Active		
Availability	• Asia Pacific		
Features	• Good Colorability	• Good Processability	• Light Stabilized
Uses	• Consumer Applications	• General Purpose	
RoHS Compliance	• RoHS Compliant		
Appearance	• Black	• Natural Color	
Forms	• Pellets		
Processing Method	• Extrusion	• Injection Molding	

Properties [1]

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	0.952		ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/10.0 kg)	0.20	g/10 min	ASTM D1238
Elastomers	**Nominal Value**	**Unit**	**Test Method**
Tensile Strength (Break)	943	psi	ASTM D412
Tensile Elongation (Break)	400	%	ASTM D412
Hardness	**Nominal Value**	**Unit**	**Test Method**
Durometer Hardness (Shore A, 1 sec)	62		ASTM D2240

Processing Information

Injection	Nominal Value	Unit
Rear Temperature	374 to 410	°F
Middle Temperature	392 to 428	°F
Front Temperature	410 to 446	°F
Nozzle Temperature	419 to 446	°F
Processing (Melt) Temp	410 to 446	°F
Mold Temperature	95 to 150	°F

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.	374 to 410	°F
Cylinder Zone 2 Temp.	392 to 428	°F
Cylinder Zone 3 Temp.	410 to 446	°F
Cylinder Zone 5 Temp.	410 to 446	°F
Die Temperature	410 to 446	°F

Extrusion Notes

Screw Speed: 30 to 100 rpm

Notes

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

Revision Date: 1/16/2024

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