Telcar® TL-3071-60A (PRELIMINARY DATA)

Teknor Apex Company - Thermoplastic Elastomer

Tuesday, April 7, 2026

General Information

Product Description

Telcar TL-3071-60A is a general purpose thermoplastic elastomer, available in NAT and BLK, designed for a variety of industrial applications, including seals and gaskets. Telcar TL-3071-60A is a high density, medium hardness grade that is suitable for injection molding.

General			
Material Status	• Preliminary Data		
Availability	• Africa & Middle East • Asia Pacific	• Europe • Latin America	• North America
Features	• Filled • Good Moldability • Good Processability	• Good Processing Stability • High Density • High Flow	• High Specific Gravity • Medium Hardness
Uses	• General Purpose • Grommets	• Handles • Industrial Applications	• Knobs • Weatherstripping
RoHS Compliance	• RoHS Compliant		
Appearance	• Black	• Natural Color	• Opaque
Forms	• Pellets		
Processing Method	• Injection Molding		

Properties [1]

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.30		ASTM D792
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	15	g/10 min	ASTM D1238
Elastomers	**Nominal Value**	**Unit**	**Test Method**
Tensile Strength (Break)	600	psi	ASTM D412
Tensile Elongation (Break)	650	%	ASTM D412
Hardness	**Nominal Value**	**Unit**	**Test Method**
Durometer Hardness			ASTM D2240
Shore A, 1 sec, Injection Molded	62		
Shore A, 5 sec, Injection Molded	60		
Fill Analysis	**Nominal Value**	**Unit**	**Test Method**
Apparent Viscosity (392°F, 206 sec^-1)	70.0	Pa·s	ISO 11443

Additional Information

A versatile, general purpose grade for injection moulding. Can be used as supplied, or compounded as a property modifier.

Legal Statement

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Processing Information

Injection	Nominal Value	Unit
Rear Temperature	248 to 320	°F
Middle Temperature	320 to 356	°F
Front Temperature	356 to 446	°F
Nozzle Temperature	356 to 446	°F

Revision Date: 9/30/2016

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Injection	Nominal Value	Unit
Processing (Melt) Temp	356 to 446	°F
Mold Temperature	50 to 122	°F
Injection Rate	Moderate-Fast	
Back Pressure	72.5 to 218	psi
Screw Speed	50 to 100	rpm
Cushion	0.150 to 1.00	in

Notes

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

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