Telcar® GS4063 NAT

Teknor Apex Asia Pacific PTE. LTD. - Thermoplastic Elastomer

Tuesday, April 7, 2026

General Information

General	
Material Status	• Commercial: Active
Availability	• Asia Pacific
Forms	• Pellets

Properties [1]

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.09		ASTM D792
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	40	g/10 min	ASTM D1238
Elastomers	**Nominal Value**	**Unit**	**Test Method**
Tensile Stress (100% Strain)	160	psi	ASTM D412
Tensile Stress (300% Strain)	218	psi	ASTM D412
Tensile Strength (Yield)	363	psi	ASTM D412
Tensile Elongation (Break)	700	%	ASTM D412
Hardness	**Nominal Value**	**Unit**	**Test Method**
Durometer Hardness (Shore A, 10 sec)	40		ASTM D2240

Processing Information

Injection	Nominal Value	Unit
Rear Temperature	360 to 450	°F
Middle Temperature	370 to 460	°F
Front Temperature	379 to 469	°F
Nozzle Temperature	390 to 480	°F
Processing (Melt) Temp	390 to 480	°F
Mold Temperature	95 to 120	°F
Injection Pressure	200 to 801	psi
Injection Rate	Fast	
Back Pressure	24.9 to 99.9	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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