Telcar® GS6002 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	0.890		ASTM D792
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	8.0	g/10 min	ASTM D1238
Elastomers	**Nominal Value**	**Unit**	**Test Method**
Tensile Stress (100% Strain)	435	psi	ASTM D412
Tensile Stress (300% Strain)	580	psi	ASTM D412
Tensile Strength (Yield)	725	psi	ASTM D412
Tensile Elongation (Break)	500	%	ASTM D412
Hardness	**Nominal Value**	**Unit**	**Test Method**
Durometer Hardness (Shore A, 10 sec)	60		ASTM D2240
Thermal	**Nominal Value**	**Unit**	**Test Method**
Brittleness Temperature	-58.0	°F	ASTM D746

Processing Information

Injection	Nominal Value	Unit
Rear Temperature	356 to 428	°F
Middle Temperature	365 to 437	°F
Front Temperature	374 to 446	°F
Nozzle Temperature	392 to 446	°F
Processing (Melt) Temp	392 to 446	°F
Extrusion	**Nominal Value**	**Unit**
Cylinder Zone 1 Temp.	356 to 428	°F
Cylinder Zone 2 Temp.	365 to 437	°F
Cylinder Zone 3 Temp.	374 to 446	°F
Cylinder Zone 4 Temp.	392 to 446	°F
Cylinder Zone 5 Temp.	392 to 446	°F

Notes

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

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