Telcar® GS2502 (PRELIMINARY DATA)

Teknor Apex Asia Pacific PTE. LTD. - Thermoplastic Elastomer

Friday, April 3, 2026

General Information

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

Properties [1]

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	0.880		ASTM D792
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	98	g/10 min	ASTM D1238
Elastomers	**Nominal Value**	**Unit**	**Test Method**
Tensile Stress (100% Strain)	145	psi	ASTM D412
Tensile Stress (300% Strain)	290	psi	ASTM D412
Tensile Strength (Yield)	435	psi	ASTM D412
Tensile Elongation (Break)	590	%	ASTM D412
Hardness	**Nominal Value**	**Unit**	**Test Method**
Durometer Hardness (Shore A, 10 sec)	25		ASTM D2240

Additional Information

Item Code (Reference): 9508616

Processing Information

Injection	Nominal Value	Unit
Rear Temperature	347 to 392	°F
Middle Temperature	356 to 410	°F
Front Temperature	374 to 446	°F
Nozzle Temperature	374 to 446	°F
Processing (Melt) Temp	374 to 446	°F
Mold Temperature	86 to 122	°F
Injection Pressure	203 to 798	psi
Injection Rate	Fast	
Back Pressure	21.8 to 102	psi
Screw Speed	50 to 100	rpm

Notes

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

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Revision Date: 8/26/2018

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