



Sinpolene GPP5630/8

Teknor Apex Asia Pacific PTE. LTD. - Polypropylene

General Information

General

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

ASTM & ISO Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.13		ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	5.0	g/10 min	ASTM D1238
Molding Shrinkage - Flow	3.0E-3 to 8.0E-3	in/in	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Break)	11600	psi	ASTM D638
Tensile Strain (Break)	5.0	%	ASTM D638
Flexural Modulus	696000	psi	ASTM D790
Flexural Stress	14500	psi	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	2.4	ft-lb/in	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (66 psi, Unannealed)	313	°F	ASTM D648
Deflection Temperature Under Load 264 psi, Unannealed	288	°F	ASTM D648

Notes

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