



Synres® PP G15 18

Teknor Apex Company - Polypropylene

General Information

General

Material Status	• Commercial: Active		
Availability	• Africa & Middle East • Asia Pacific	• Europe • Latin America	• North America
Forms	• Pellets		

ASTM & ISO Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	0.980		ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	8.7	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break, 2.00 in)	8900	psi	ASTM D638
Flexural Modulus (0.500 in)	395000	psi	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	1.6	ft·lb/in	ASTM D256
Gardner Impact	96.0	in·lb	ASTM D5420
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D, 10 sec)	77		ASTM D2240

Additional Information

Heat Deflection, 66 psi = 312 F (ASTM D-648)
ASH = 15% (ASTM D-5630)

Notes

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