



Synres® SR-4000

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	1.12		ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	12	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	3700	psi	ASTM D638
Tensile Elongation (Yield)	3.5	%	ASTM D638
Flexural Modulus	340000	psi	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	0.70	ft-lb/in	ASTM D256
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D, 10 sec)	70		ASTM D2240

Additional Information

Bulk Density = 48.5 lbs/ cubic foot

Notes

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