

# Star GPPS 12



Property	Value	Unit	ASTM
Melt index (condition 230°C/2.16 kg)	11.5	g/10 min	D 1238
Density (g/cm <sup>3</sup> )	1.050	g/cm <sup>3</sup>	D 792
Heat Deflection Temp. @ 264 psi	182	°F	D648
Vicat Softening Point	207	°F	D1525
Tensile Strength @ Yield	6,100	psi	D638
Tensile Modulus	435,000	psi	D638
Ultimate Elongation	2.0	%	D790
Flexural Strength @ Yield	8,400	psi	D638
Flexural Modulus	440,000	psi	D638
Hardness, Rockwell M	75		795
Izo'd Impact 1/8" bar @73°F	0.4	ft-lbs./in	D265
Mold Shrinkage	.003-.006	in./in.	D955