

HIPS2.63.6

Melt Index 2.6

Izod 3.6

Material Properties

Properties	Test Method	Unit	Typical Value
Melt Flow Rate, 200°C/5.0 kgf	D 1238	g/10 min	2.6
Tensile Strength @ Yield, Type 1, 2.0 in/min	D 638	psi	4,100
Tensile Modulus, 2.0 in/min	D 638	psi	320,000
Izod Impact, Notched, 73°F	D 256	ft-lb/in	3.6
Flexural Stress, Yield, 0.05 in/min, 2 in. span	D 790	psi	6,100
Flexural Modulus, 0.05 in/min, 2 in. span	D 790	psi	309,000
Vicat Softening Temp, Rate B/50	D 1525	°F	198
HDT, 66 psi, 0.125", Unannealed	D 648	°F	195

¹ HIPS2.63.6 complies with FDA requirements as amended in regulation 21 CFR § 177.1640.

HIPS2.63.6 is a super high impact polystyrene designed specifically for sheet extrusion and thermoforming.