



ROYAL GLOBAL ENERGY

RGE's core business Oil, Gas, Refining and Petrochemicals

Product Name: Polystyrene

Properties	Method	Unit	Typical Value
Melt Flow (200°C-5kg)	D-1238	g/10mn	3.5
Falling Dart	D-3029	in-lb	160
Izod - notched	D-256	ft-lbs/in	3.2
Tensile Strength	D-638	psi	3,500
Tensile Modulus	D-638	psi (105)	3
Elongation	D-638	%	55
Flexural Strength	D-790	psi	6,300
Flexural Modulus	D-790	psi (105)	3.1
Heat Distortion - Annealed	D-648	°F	196
Vicat Softening	D-1525	°F	208
Gloss	D-523	60°	90
Density		g/cm ³	1.04
Linear Shrinkage	D-955	in/in	.004 - .007