



Polypropylene TI4007G

Sub-group
Impact Copolymer

Description
Extra high izod impact, superior low temperature drop impact

Applications
Suggested uses include profiles, tubing, squeeze bottles

Process
UL temperature index of 100°C

Control Properties:	ASTM Method	Units	Values
Nominal Melt Flow Rate (230°C/2.16kg)	D-1238	g/10 min	0.7

Typical Properties:	ASTM Method	Units	Values
Tensile Strength at Yield (2 in/min, 50 mm/min)	D-638	psi(MPa)	4,200(29)
Elongation at Yield (2 in/min, 50 mm/min)	D-638	%	12.5
Flexural Modulus (0.05 in/min, 1.3 mm/min, 1% secant)	D-790A	psi(MPa)	175,000(1,207)
Notched Izod Impact Strength at 23°C	D-256A		No Break
Instrumented Impact Strength at -29°C	D-3763	ft-lbs(J)	22(30)
Rockwell Hardness	D-785	R	78

