

Polypropylene JE 6190

Sub-group:

Homopolymer

Description:

JE 6190 is a low fluidity homopolymer. It is formulated with nucleating and slip agents.

Applications:

Extrusion-Compression Molding of caps for soft drink, beverages, juices and water bottles.

Processing:

Compression Molding

Control Property:

	ASTM Method	Units	Values
Melt Flow Rate (230°C/2.16 kg)	D 1238	g/10 min	2.1

Typical Properties^{a)}:

	ASTM Method	Units	Values
Density	D 792	g/cm ³	0.905
Flexural Modulus – 1% secant	D 790	MPa	1600
Tensile Strength at Yield	D 638	MPa	37
Tensile Elongation at Yield	D 638	%	9
Rockwell Hardness (R Scale)	D 785	-	95
Notched Izod Impact Strength at 23°C	D 256	J/m	40
Deflection Temperature under Load at 0.455 MPa	D 648	°C	108

a) Injection molded specimen according to ASTM D 4101.

