

CONTIPOL LF0200A

Linear Low Density Polyethylene



Product Description

Contipol/LF0200A exhibits good stiffness and low temperature toughness. Typical applications include trash cans, industrial containers, housewares and toys.

Application Housewares; Outdoor and Power Tools; Sports, Leisure & Toys; Trash Cans; Wire & Cable

Market Compounding; Rigid Packaging; Wire & Cable

Processing Method Compounding; Injection Molding; Wire & Cable

Typical Properties	Nominal Value	English Units	Nominal Value	SI Units	Test Method
Physical					
Melt Flow Rate, (190 °C/2.16 kg)	20	g/10 min	20	g/10 min	ASTM D1238
Density, (23 °C)	0.924	g/cm ³	0.924	g/cm ³	ASTM D1505
Spiral Flow	12.6	in	32.1	cm	LYB Method
Mechanical					
Flexural Modulus					
(1% Secant)	63000	psi	440	MPa	ASTM D790
(2% Secant)	55000	psi	380	MPa	ASTM D790
Tensile Strength at Break, (23 °C)	1200	psi	8	MPa	ASTM D638
Tensile Strength at Yield, (23 °C)	2100	psi	14	MPa	ASTM D638
Tensile Elongation at Yield, (23 °C)	12	%	12	%	ASTM D638
Hardness					
Shore Hardness, (Shore D)	57		57		ASTM D2240
Thermal					
Vicat Softening Temperature	196	°F	91	°C	ASTM D1525
Low Temperature Brittleness, F	<-105	°F	<-76	°C	ASTM D746
Deflection Temperature Under Load, (66 psi, Unannealed)	113	°F	45	°C	ASTM D648

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