

FARALLOY® PE-103

High Density Polyethylene

O'Neil Color and Compounding

Message:

FARALLOY PE-103 is a sheet extrusion grade high density polyethylene intended for use in non-aesthetic applications due to the slight surface bloom which will develop with time.

General Information			
Features	Flame Retardant		
	High Density		
	Low Blooming		
Uses	Sheet		
Forms	Pellets		
Processing Method	Sheet Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.10	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	0.20	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	24.1	MPa	ASTM D638
Tensile Elongation (Break)	70	%	ASTM D638
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	69	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Annealed)	60.0	°C	ASTM D648
Flammability	Nominal Value		Test Method
Flame Rating (3.18 mm)	V-0		UL 94

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Recommended distributors for this material

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WECHAT