

FARALLOY® PE-106

High Density Polyethylene

O'Neil Color and Compounding

Message:

FARALLOY PE-106 is an extrusion grade, UV resistant, non-blooming flame retardant high density polyethylene formulated to resist ignition as defined by Underwriters' Laboratories 94V-0 test protocol.

General Information			
Additive	Flame Retardant		
Features	Flame Retardant		
	Good UV Resistance		
	High Density		
	Ignition Resistant		
	Non-Blooming		
Forms	Pellets		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.29	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (190°C/21.6 kg)	24	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	26.9	MPa	ASTM D638
Tensile Elongation (Break)	100	%	ASTM D638
Flexural Modulus	1030	MPa	ASTM D790
Flexural Strength	27.6	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	190	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Annealed)	85.0	°C	ASTM D648
Flammability	Nominal Value		Test Method
Flame Rating (1.59 mm)	V-0		UL 94

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Recommended distributors for this material

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