

Pemex BDL 36050

Medium Density Polyethylene

Pemex Petroquímica

Message:

Pemex BDL 36050 is a Medium Density Polyethylene product. It is available in Latin America or North America.

Characteristics include:

Antioxidant

Good UV Resistance

UV Stabilized

General Information			
Additive	Antioxidant		
	UV Stabilizer		
Features	Antioxidant		
	Good UV Resistance		
Physical	Nominal Value	Unit	Test Method
Density	0.937	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	5.0	g/10 min	ASTM D1238
Environmental Stress-Cracking Resistance			ASTM D1693
10% Igepal, F50	185	hr	
100% Igepal, F50	> 1000	hr	
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	17.6	MPa	ASTM D638
Tensile Elongation (Break)	700	%	ASTM D638
Flexural Modulus - 1% Secant	730	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Instrumented Dart Impact			ARM
-40°C, 3.18 mm	77.0	J	
-40°C, 6.35 mm	183	J	
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed	61.0	°C	
1.8 MPa, Unannealed	38.0	°C	

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