

Unilex™ UP.50.925G

Linear Low Density Polyethylene

United Polychem

Message:

Linear Low Density Polyethylene Granular

Applications: Color Concentrates, Slip and Antiblock Masterbatches

This product is designed for superior blending with pigments, slip, and antiblock.

General Information			
Features	Food Contact Acceptable		
Uses	Blending		
	Masterbatch		
Agency Ratings	EU Food Contact, Unspecified Rating		
	FDA Food Contact, Unspecified Rating		
Forms	Granules		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.925	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	50	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness	50		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	15.4	MPa	ASTM D638
Tensile Elongation (Break)	40	%	ASTM D638
Flexural Modulus - 1% Secant	448	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	440	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-76.0	°C	ASTM D746
Melting Temperature	122	°C	

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Recommended distributors for this material

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