

Unilex™ UP.20.925P

Linear Low Density Polyethylene

United Polychem

Message:

Linear Low Density Polyethylene

Applications: Color Concentrates, Slip and Antiblock Masterbatches

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

General Information			
Features	Compliance of Food Exposure		
Uses	Mixing		
	Masterbatch		
Agency Ratings	FDA Food Exposure, Not Rated		
	European food contact, not rated		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density	0.925	g/cm³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	25	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness	50		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
Yield	14.5	MPa	ASTM D638
Fracture	7.50	MPa	ASTM D638
Tensile Elongation (Break)	57	%	ASTM D638
Flexural Modulus - 1% Secant	430	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	550	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-80.0	°C	ASTM D746
Additional Information			

Elongation @ Break, ASTM D638: >57%

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