

ResMart Ultra PE Copolymer

Medium Density Polyethylene

ResMart

Message:

Prime medium density UV stabilized polyethylene designed for extrusion applications.

General Information			
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.938	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	0.20	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	64		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	19.3	MPa	ASTM D638
Tensile Elongation ¹ (Break)	> 800	%	ASTM D638
Flexural Modulus	689	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (3.18 mm)	530	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	120	°C	ASTM D1525
Extrusion	Nominal Value	Unit	
Drying Temperature	79.4	°C	
Drying Time	2.0	hr	
Melt Temperature	193 to 232	°C	
NOTE			

1. 51 mm/min

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Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China



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