

# UBE Polyethylene R300

Polyethylene

UBE America, Inc.

## Message:

UBE Polyethylene R300 is a Polyethylene material. It is available in North America. Primary attribute of UBE Polyethylene R300: Good Toughness.  
Typical application of UBE Polyethylene R300: Engineering/Industrial Parts

General Information			
Features	Good Toughness		
Uses	Thick-walled Parts		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Density	0.920	g/cm <sup>3</sup>	ASTM D1505
Melt Mass-Flow Rate (MFR)	0.35	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	54		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	21.0	MPa	ASTM D638
Tensile Elongation (Break)	750	%	ASTM D638
Apparent Bending Modulus	150	MPa	ASTM D747
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-75.0	°C	ASTM D746
Vicat Softening Temperature	93.0	°C	ASTM D1525

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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

