

UBE UBEPOL BR34HL HIPS (stirring rate = 400 rpm)

Category : Polymer , Thermoplastic , Polystyrene (PS) , Polystyrene, Impact Modified

Material Notes:

Description: UBEPOL-BR34HL is characterized by its lower molecular weight and higher linear molecular chain compared with UBEPOL-BR15HB. The properties of HIPS modified by UBEPOL-BR34HL are very good, and especially much better than the other grades in respect of ballance between gloss and impact resistance. Information provided by UBE.

Order this product through the following link:

http://www.lookpolymers.com/polymer_UBE-UBEPOL-BR34HL-HIPS-stirring-rate-400-rpm.php

Physical Properties	Metric	English	Comments
Particle Size	1.23 µm	1.23 µm	Rubber Particle Size
Melt Flow	2.7 g/10 min	2.7 g/10 min	

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	30.0 MPa	4350 psi	
Tensile Strength, Yield	31.0 MPa	4500 psi	
Elongation at Break	43 %	43 %	
Izod Impact, Notched	0.790 J/cm	1.48 ft-lb/in	

Thermal Properties	Metric	English	Comments
Vicat Softening Point	101 °C	214 °F	

Optical Properties	Metric	English	Comments
Gloss	80 %	80 %	

Descriptive Properties	Value	Comments
MEK/Acetone Insolubles (wt.%)	25.2	
Swelling Index	11.9	

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