



Ravago Compounds HM-305U (Comp)

Ravago Manufacturing Americas - Linear Low Density Polyethylene

Tuesday, November 5, 2019

General Information

Product Description

Key Features:

- Utility Grade
- Good long term outdoor weatherability
- Balance of toughness and rigidity
- Good low temperature impact
- Good environmental stress crack resistance, ESCR
- Compounded for uniform additive dispersion
- Natural as well as standard, custom or special effect colors available
- Stock colors may be available. See Stock color bulletin
- UL component recognition listing (E141240)
- Also available in powder form as HMP-305U

General

Material Status	• Commercial: Active
Availability	• North America
Features	• Good Toughness • Good Weather Resistance • High ESCR (Stress Crack Resist.) • High Rigidity • Low Temperature Impact Resistance
UL File Number	• E141240
Appearance	• Colors Available • Natural Color
Forms	• Pellets
Processing Method	• Compression Molding

ASTM & ISO Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	0.938		ASTM D792
Melt Mass-Flow Rate (190°C/2.16 kg)	5.0	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield, Compression Molded)	2600	psi	ASTM D638
Flexural Modulus - Tangent (Compression Molded)	120000	psi	ASTM D790
Flammability	Nominal Value	Unit	Test Method
Flame Rating			UL 94
0.06 in		HB	
0.12 in		HB	

Notes

¹ Typical properties: these are not to be construed as specifications.