



Ravago Compounds HM-307M (Comp)

Ravago Manufacturing Americas - Linear Low Density Polyethylene

Tuesday, November 5, 2019

General Information

Product Description

Key Features:

- Excellent moldability
- Formulation optimized to aid filled deep and narrow sections
- Excellent long term outdoor weatherability, (UV8)
- Balance of toughness and rigidity
- Excellent low temperature impact
- Excellent 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
- Excellent opacity
- UL component recognition listing (E141240)
- Also available in powder form as HMP-307M

General

Material Status	• Commercial: Active		
Availability	• North America		
Features	• Good Moldability • 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	0.932		ASTM D792
Melt Mass-Flow Rate (190°C/2.16 kg)	6.8	g/10 min	ASTM D1238
Environmental Stress-Cracking Resistance (ESCR) 100% Igepal, Compression Molded, F50	1000	hr	ASTM D1693B
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield, Compression Molded)	2300	psi	ASTM D638
Tensile Elongation (Break, Compression Molded)	700	%	ASTM D638
Flexural Modulus - Tangent (Compression Molded)	75000	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.