

# Ravago Compounds HM-307M (Comp)

Linear Low Density Polyethylene  
Ravago Manufacturing Americas, LLC

Message:

- 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 Information			
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		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.930	g/cm <sup>3</sup>	ASTM D792
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	6.8	g/10 min	ASTM D1238
Environmental Stress-Cracking Resistance (100% Igepal, Compression Molded, F50)	1000	hr	ASTM D1693B
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield, Compression Molded)	15.9	MPa	ASTM D638
Tensile Elongation (Break, Compression Molded)	700	%	ASTM D638
Flexural Modulus - Tangent (Compression Molded)	517	MPa	ASTM D790
Flammability	Nominal Value		Test Method

Flame Rating		UL 94
1.52 mm	HB	
3.05 mm	HB	

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#### Recommended distributors for this material

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