



AQUATUF® HM-337 (Comp)

Ravago Manufacturing Americas - High Density Polyethylene

Tuesday, November 5, 2019

General Information

Product Description

HM-337 is a high-density polyethylene compound designed for applications like kayaks or boats that require a balance very high stiffness and extreme toughness.

Key Features:

- Good moldability
- Excellent long term outdoor weatherability (UV15)
- Superior balance of toughness and rigidity
- Very High Stiffness
- Excellent low temperature impact
- 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
- Also available in powder form as HMP-337

General

Material Status	• Commercial: Active
Availability	• North America
Features	• Good Moldability • Good Toughness • Good Weather Resistance • High Rigidity • High Stiffness • Low Temperature Impact Resistance
Appearance	• Colors Available • Natural Color
Forms	• Pellets
Processing Method	• Compression Molding

ASTM & ISO Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	0.951		ASTM D792
Melt Mass-Flow Rate (190°C/2.16 kg)	4.0	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield, Compression Molded)	3200	psi	ASTM D638
Tensile Elongation (Break, Compression Molded)	350	%	ASTM D638
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.