



Ravago Compounds HMP-372A (Roto)

Ravago Manufacturing Americas - Linear Low Density Polyethylene

Tuesday, November 5, 2019

General Information

Product Description

Key Features:

- 35-mesh powder
- UL component recognition listing (E141240), UL-94 V2 flame rating
- Good moldability
- Balance of toughness and rigidity
- Good low temperature impact
- Compounded for uniform additive dispersion
- Standard, custom or special effect colors available
- Also available in pellet form as HM-372A

General

Material Status	• Commercial: Active
Availability	• North America
Features	• Good Moldability • High Rigidity • Low Temperature Impact Resistance • Good Toughness • Ignition Resistant
UL File Number	• E141240
Appearance	• Colors Available
Forms	• Pellets • Powder
Processing Method	• Rotational Molding

ASTM & ISO Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity			ASTM D792
-- ²	0.937		
-- ³	1.01		
Apparent (Bulk) Density	0.56	g/cm ³	ASTM D1895
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, Rotational Molded)	2750	psi	ASTM D638
Tensile Elongation (Break, Rotational Molded)	280	%	ASTM D638
Flexural Modulus - Tangent (Rotational Molded)	115000	psi	ASTM D790
Flammability	Nominal Value	Unit	Test Method
Flame Rating			UL 94
0.06 in	V-2		
0.13 in	V-2		
Additional Information	Nominal Value	Unit	Test Method
Cure Time	15.0 to 22.0	min	
Oven Temperature	450 to 600	°F	
Pourability	30.0	sec	ASTM D1895

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Notes

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

² Base Resin

³ Base Compound