

Jam 38504 UV

Linear Medium Density Polyethylene
Jam Petrochemical Company

Message:

MD-38504 is a UV stabilized linear medium density polyethylene grade with a narrow molecular weight distribution. It is suitable for rotational molding and some injection molding application such as technical parts and closures. Characteristics include: good impact strength, excellent external internal surface finish, and is UV stabilized.

- Features
- Blow molding
- High ESCR
- Applications
- Blow molding

General Information	
Additive	Antioxidation UV stabilizer
Features	UV Stabilized Excellent appearance High ESCR (Stress Cracking Resistance) Antioxidation Impact resistance, good Narrow molecular weight distribution
Uses	Blow molding applications Shell

Processing Method	rotomolding Injection molding
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Physical	Nominal Value	Unit	Test Method
Density	0.938	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	4.0	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness			ASTM D2240
Shaw C	128		ASTM D2240
Shaw D	60		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	15.0	MPa	ASTM D638
Tensile Elongation (Break)	800	%	ASTM D638
Flexural Modulus	650	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method

Charpy Unnotched Impact Strength	25	kJ/m ²	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Melting Temperature	115	°C	ASTM D1525

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