JAM Petrochemical Company
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Product data sheet

38504 UV

MDPE made via Spherilene Gas-Phase Technology

MD-38504 is a UV stabilized linear medium density polyethylenee 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 strenght, excellent external and internal surface finish, and is UV stabilized.

MDPE: 38504 UV

Density: 0.936-0.940

MFI: 3-5

Characteristic Properties

- Good impact strenght
- High ESCR

Main Applications

- Rotomolding

Additives

- Thermal Antioxidant (Process Stabilizer)
- Catalyst neutralizer (acid scavenger, lubricant)
- UV Stabilizer

Material properties *(This data are typical values and are not to be construed as product specifications.)*

Resin Properties	Unit	Typical Value	ASTM Method
Melt Index (190°C/ 2.16Kg)	(g/10 min)	4	D1238
Density	g/ml	0.938	D1505
Physical properties @			
Flexural Modulus	(MPa)	650	D790
Tensile strenght at yield	(MPa)	15	D638
Tensile strenght at break	(%)	800	D638
Charpy Unnotched impact Strength	KJ/m^2	25	D256
Vicat Softening Temperature	(°C)	115	D1525
Durometer Hardness	Shore D	60	D2240
@ on compression moulded specimen obtained according to ASTM D 1928°C			