

Product data sheet

38504 UV

> MDPE made via
Spherilene Gas-Phase Technology



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 and internal surface finish, and is UV stabilized.

MDPE: 38504 UV

Characteristic Properties



- Good impact strength
- High ESCR

Density: 0.936-0.940

Main Applications



- Rotomolding

MFI: 3-5

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 strength at yield	(MPa)	15	D638
Tensile strength 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			