



NAME: 38504 UV

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.

Application: Blow molding.

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

Resin properties	Unit	Typical values	ASTM Method
Melt Index	(g/10')	4	D 1238
Density	(g/ml)	0.938	D 1505
Flexural Modulus	(MPa)	650	D 790
Tensile strength at yield	(MPa)	15	D 638
Tensile strength at break	(%)	800	D 638
Charpy Unnotched impact Strength Vicat	Kj/m2	25	D 256
Softening Temperature	C	115	D 1525
Melting Temperature	C	128	
Durometer Hardness	5hore D	60	D 2240