



LDPE APAK MD-38504NB

LDPE is defined in the density range of 0.910-0.940 g/ cm³ . It is inert at room temperature except for high oxidation factors. It can withstand temperatures of 80 °C continuously and a short time at 95 °C. It is formed in completely flexible translucent or opaque variations and is almost too strong to break.

LDPE APAK MD-38504NB 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.

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/m2	25	D256
Vicat Softening Temperature	°c	115	D1525
Durometer Hardness	Shore D	60	D2240

@ on compression moulded specimen obtained according to ASTM D 1928°(