

EDMALOY 3840

Medium Density Polyethylene Powder Rotational Moulding Grade

Application :

EDMALOY 3840 is a special designed medium density polyethylene compound for Rotational Moulding

*Rotational moulded items with good stiffness

*Septic tanks

*Ordinary containers

Specifications :

Property	Typical value	Units	Test Method
Melt Flow Index (190 °C , 5 Kg)	4.0 ± 0.15	g/10 min	ASTM D1238-7
Density	0.938±0.005	g/Cm ³	ASTM D1505-68
Melting Point	131	°C	ASTM D2117
Vicat Softening Point	>115	°C	ASTM D1525
Tensile Strength @ Yield	>15	Mpa	ASTM D638 - 72
Elongation @ Break	> 900	%	ASTM D638
Charpy Impact Strength	>18	KJ/m ²	ASTM D256
ESCR (F50 ,23°C)	400	hours	ASTM D1693
Flexural modulus	650	MPa	ASTM D790
Hardness	65	Shore D	ASTM D2240
Thermal Conductivity	0.48	W/m ²	ASTM D177
C.O.L.E	2×10 ⁻⁴	°C	ASTM D696-91

Description :

EDMALOY3840 is used as a rotational molding grade.This product has following characteristics:

*Good impact strength

*Excellent external and internal surface finish

*Whiteness (in neutral color)

*Good stress crack resistance

Disclaimer : Above mentioned properties has been performed in EDMAN laboratory condition ,and may varying in other conditions.

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