



Rotational Moulding

MELT INDEX : 5.0

DENSITY : 0.939

FEATURES

High rigidity
Good impact strength
Good ESCR
Heat and UV resistant
Hexene copolymer
Available in many colours

ADDITIVES

Antioxidant
UV Stabiliser
Internal mould release

APPLICATION

Small to medium Roto Moulding parts
Drums and bins
Fishing Industry parts
Outdoor Parts

PERFORMANCE PROPERTIES – H509

TEST	VALUE	UNIT	TEST METHOD
MFI (190° C/2.16kg)	5.0	g/10min	ASTM D1238
Normal density	0.939	g/cm	ASTM D1505
Tensile strength at yield	20	MPa	ASTM D638 1)
Tensile strength at break	27	MPa	ASTM D638 1)
Elongation at break	922	%	ASTM D638 1)
Flexural modulus	600	MPa	ASTM D790
Shore D hardness	62.5	ShoreD	ASTM D2240
Vicat softening temperature	118	.°C	ASTM D1525
Heat distortion	72	.°C	ASTM D648
Average particle size	400	Micron	ARMO METHOD

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