



## Rotational Moulding

**MELT INDEX : 3.5      DENSITY : 0.939**

### FEATURES

High rigidity  
Excellent impact strength  
Excellent chemical resistance  
Good ESCR  
Heat and UV resistant  
Tough and abrasion resistant  
Available in many colours  
Hexene copolymer

### ADDITIVES

Antioxidant  
UV Stabiliser  
Internal mould release

### APPLICATION

Large Tanks  
Large Industrial Mouldings  
Swimming Pool Applications  
Outdoor Mouldings

## PERFORMANCE PROPERTIES – H359

TEST	VALUE	UNIT	TEST METHOD
MFI (190° C/2.16kg)	3.5	g/10min	ASTM D1238
Normal density	0.939	g/cm <sup>3</sup>	ASTM D1505
Tensile strength at yield	19	MPa	ASTM D638 <sup>1)</sup>
Tensile strength at break	24	MPa	ASTM D638 <sup>1)</sup>
Elongation at break	830	%	ASTM D638 <sup>1)</sup>
Flexural modulus	837	MPa	ASTM D790
ESCR F <sub>50</sub>	>500	Hr	ASTM D1693 <sup>2)</sup>
Impact energy at -40°C	35	J/mm	ASTM D3029 <sup>3)</sup>
Vicat softening temperature	120	°C	ASTM D1525
Shore D hardness	61	Shore D	ASTM D2240
Heat distortion	74	°C	ASTM D648
Average particle size	400	Micron	ARMO METHOD

*This information is based on our current knowledge and experience. In view of many factors that may affect processing and application, this data does not relieve processors from the responsibility of carrying out their own tests and experiments, neither does it imply any legally binding assurance of certain properties or of suitability for a specific purpose. It is the responsibility of those to whom we supply our products to ensure that any proprietary rights and existing laws and legislation are observed.*



