

Revolve® PA12 LV

Polyamide

VERSION 1: 09.02.2023

MFI: N/A
Density: 1.02



Description

Revolve® PA12 LV is a rotational moulding polyamide 12 Low Viscosity designed to meet the demanding requirements of the automotive industry.

Typical applications include fuel and hydraulic tanks, air ducts and high temperature resistance applications. The grade is fully stabilised to withstand the rotomoulding process and it does not need any inert atmosphere to be processed.



Features and Benefits

- Excellent Mouldability
- Excellent Impact Strength
- Wide processing window

Available as:

- Natural powder



Physical Properties

PHYSICAL PROPERTIES	TEST METHOD	VALUE	UNIT
MFI	ISO 1133	N/A	g/10min
Density	ISO 1183	1.02	g/cm3
Tensile strength @ Yield (50 mm/min)	ISO 527	39	MPa
Flexural Modulus (1.3 mm/min)	ISO 178	1150	MPa
HDT at 0.45 MPa	ISO 75-2	145	°C
Vicat (Method B - 50N)	ISO 306	150	hr
ESCR at 10% Igepal	ASTM D1693	TBC	hr
ARM Impact (-40°C, 3 mm thickness)	ARM-I Standard	105	J

This information is to the best of our knowledge accurate. However, the circumstances and conditions in which it may be used are beyond our control and we do not accept liability for any loss or damage that may occur nor do we offer any warranty of immunity against patent infringement. The values indicated in the tables only describe typical properties. They do not constitute specification limits.

