



MC-12DG-12

Have innovation with us

PE Compound

Product Description

MC12DG-12 has a good mechanical and rheological properties, this grade is suitable for blow-molding applications. this product is in pellet form with white color.

Applications: Blow molding

Product characteristics

Features Good processability, Good mechanical properties

Typical Properties

Physical

Typical Properties	Method	Unit	Value
Melt flow rate (MFI) (190 °C, 5 Kg)	ISO 1133	g/10min	1.3 ± 0.1
Density	ISO 1183	g/cm ³	0.99 ± 0.01
Ash content(600 °C, 30min)	ISO 3451-1	%	5 ± 0.5

Mechanical

Tensile strength at yield	ISO 527	N/mm ²	27 ± 1
Elongation at yield	ISO 527	%	8 ± 1
Flexural modulus	ISO 178	N/mm ²	1100 ± 50
Izod impact strength (notched @23 °C)	ISO 180	KJ/ m ²	62 ± 2
Hardness shore D	ISO 868	points	63 ± 1

Note: Typical properties; not to be construed as specifications

Marun Pooya Polymer Compound Co., NO.2,17th St, Hasan Seif Ave., Sanat Sq., Shahrak e Gharb, Tehran
1466883855, Iran

Email: crm@mppc-co.com Tel: [+982186759092](tel:+982186759092) Fax: +982186759091

Code: PRE/FO/009/0