



COFLEX 2100

Impact Modifier

Description

- Product: Impact Modifier for Polyolefines
- Carrier: Thermo Plastic Elastomer
- This material improves Flexibility of Injected parts, films and sheets made from PP & PE to increase impact strength.

Application & Addition Rate

- Polypropylene (Compatible): 2-15%
- Polyethylene (mixable): 2-15%

Advantages

- Increase Impact Strength
- Improve Flexibility
- Thermally stabilized
- Easy to Process
- Improve ESCR

Typical Properties

	Properties	Test method	Value	Unit
Physical	Melt Flow Rate (230°C/2.16 Kg)	ASTM D1238	10	g/10min
	Melt Flow Rate (190°C/2.16Kg)	ASTM D1238	5	g/10min
	Density	ASTM D1505	1.1	g/cm ³
	Tensile strength at break	ASTM D638	5.5	MPa
	Elongation at break	ASTM D638	Min. 900	%
	Hardness shore A	ASTM D2240	70	-
	Tear Strength	ASTM D624	38	KN/m
	Melting Point	DSC	58	°C

Food Contact Status

- Approved.

Storage & Packaging

- Store in dry place below 30 °C away from sun exposure not to exceed 12 months
- Packed in 20 kg PP raffia bags on 1000 kg stretch-wrapped pallet

NOTICE

2017-06

The information and data contained herein are believed to be correct and given in good faith, but because of the many particular factors which are outside our knowledge and control and affect the use of product, no warranty is given or is to be implied with respect to such information, nor do we offer any warranty of immunity against infringement.