

# COBITECH 0

Polyethylene Terephthalate

M&G; Gruppo Mossi & Ghisolfi

## Message:

COBITECH 0 resin is a PET homopolymer, based on terephthalic acid. Its high melt strength make it well suited for the production of expanded sheets, boards, panels, profiles and beads. Foam sheet can be thermoformed. After crystallization the foamed products can withstand temperature exceeding 200°C (390 °F) for short time and are susceptible to mechanical finishing. Scraps of foamed products obtained by COBITECH 0 can be re-used in extrusion without significant I.V. loss.

General Information	
Features	Homopolymer Good melt strength
Uses	Foam Sheet Profile
Forms	Particle
Processing Method	Extrusion Thermoforming

Physical	Nominal Value	Unit	Test Method
Apparent Density	0.88	g/cm <sup>3</sup>	ASTM D1895
Melt Mass-Flow Rate (MFR)	15	g/10 min	ASTM D1238
Thermal	Nominal Value	Unit	
Melting Temperature	257	°C	

## Additional Information

Intrinsic viscosity (.V.), C. 01/F, +/- 0.100: 1.25 dl/gCrystalline Density, C.04, +/- 0.1: 1.4 g/milMelt Flow Index, C17, +/- 3: 14.5 g/10minColor (b value), C.09: +2 Max.Melting point, MGPI 007, +/- 2: 257°CBulk Density, C16, +/- 5%: 880 Kg/m<sup>3</sup>

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