

# COBITECH 2

Polyethylene Terephthalate

M&G; Gruppo Mossi & Ghisolfi

## Message:

COBITECH 2 resin is a PET copolymer, 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 2 can be re-used in extrusion without significant I.V. loss. COBITECH 2 is also designed for applications requiring high melt strength, such as blown film.

General Information	
Features	Copolymer
	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)	14	g/10 min	ASTM D1238
Thermal	Nominal Value	Unit	
Melting Temperature	248	°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: 13.5 g/10minColor (b value), C.09: +2 Max.Melting point, MGPI 007, +/- 2: 248°CBulk Density, C16, +/- 5%: 880 Kg/m<sup>3</sup>

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