
Technical Datasheet

POYAD CR102

1) Product Description:

POYAD CR102 is an advanced performance nucleating/clarifying masterbatch based on homo-polymer polypropylene. This product is designed to efficiently increase the rate of crystallization to yield finished articles with excellent mechanical and optical properties include increased transparency, gloss, flexural modulus, heat deflection temperature and thermal stability in film, sheet and molding applications. It can also improve injection molding cycle times.

2) Application:

POYAD CR102 is designed for ease of dilution and homogeneous mixing and is therefore suitable for direct addition using automatic dosing units or by pre-blending. Depending on the application it can be used from 1 to 4 % in PP Homo and Random Co-polymer sheet, bottle and injected parts.

3) Typical data:

PROPERTY	TEST METHOD	UNIT	TYPICAL VALUE*
MFI (230 °C/2.16 Kg)	ASTM D1238	g/10min	10±3
Pellet size	PPT Method	Pieces/cc	30-40
Density	ASTM D 1505	g/cm ³	0.93
Moisture	ASTM D 644	ppm	Max.2000
Dispersion	PPT Method		OK