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## Technical Datasheet

POYAD CR207I

### 1) Product Description:

POYAD CR207I is an advanced performance nucleating/clarifying master batch based on polyethylene. 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 and tensile modulus in HD/LLDPE film, sheet and molding applications. It can also improve injection molding cycle times.

### 2) Application:

POYAD CR207I 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 3 % in HDPE and or LLDPE film, sheet and injected parts.

POYAD CR207I should be stored in a cool and dry place not to exceed 12 months.

### 3) Typical data:

PROPERTY	TEST METHOD	UNIT	TYPICAL VALUE*
MFI (190 °C/5 Kg)	ASTM D1238	g/10min	1
Pellet size	PPT Method	Pieces/cc	30-40
Density	ASTM D 1505	g/cm <sup>3</sup>	0.96
Moisture	ASTM D 644	ppm	Max.2000
Dispersion	PPT Method		OK

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