

# POYAD CR207I

Polyethylene

Pooya Polymer Tehran

## Message:

Clarifying MB

Description

POYAD CR207I is an advanced performance nucleating/clarifying masterbatch 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.

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.

General Information			
Additive	Clarifier		
	Nucleating Agent		
Features	Medium Clarity		
	Nucleated		
Uses	Film		
	Masterbatch		
	Sheet		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Density	0.960	g/cm <sup>3</sup>	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/5.0 kg)	1.0	g/10 min	ASTM D1238
Moisture Content	< 2000	ppm	ASTM D644
Additional Information	Nominal Value	Unit	Test Method
Dispersion	OK		Internal Method
Pellet Size	30.0 to 40.0	pcs/cm <sup>3</sup>	Internal Method

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## Recommended distributors for this material

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