

Technical Product Information



CESA™ nucleant PPA0407155-ZN

Description	Polypropylene normally crystallises slowly into relatively large crystals known as spherulites. The size of the spherulites is larger than the wavelength of visible light and when light reflects, the large size reduces clarity or transparency and thereby increasing haze in the material. The clarity or transparency of PP can be improved by the addition of PP nucleating agent, an active nucleating agent. It can increase the rate of crystallisation of PP and forms fine –grain spherulites smaller than the wavelength of the visible light, which allows more light to pass through. CESA™ nucleant PPA0407155-ZN is a concentrate based on speciality type of clarifying agent in PP carrier.
Physical form	Pellets
Applications	PP Injection moulding, films and sheets.
Typical properties	Significant level of clarity / transparency and improvement in mechanical properties (elongation at break, impact strength and hardness) can be achieved. Can be used to reduce cycle times & improve productivity .
Dosage	2 to 4 %
Packaging	25 kg woven sack bags.
Remarks	The product should be stored in a cool and dry place, away from direct sunlight.

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