

Nano Nucleating Agent NMC-S05

Product Description

NMC-S05 provides a surface for fast crystal formation. Cycle times in injection molding are reduced for optimal efficiency. Mechanical properties like flexural modulus, strength, heat distortion temperature and hardness will increase. NMC-S05 is designed in nano form and the clarity and transmittance is therefore significantly improved.

Physical Properties

Appearance	Transparent Liquid
Color	<3 (Garnder No.)
Viscosity	60~70 cst/37.8 °C

Applications

- | | |
|---------------------------|----------------|
| 1) Injection Molding | 4) Rotomolding |
| 2) Thermoforming | 5) Extrusion |
| 3) Extrusion Blow Molding | 6) Blown Film |

Advantages

- Speeds up the crystal morphology
- Enhanced mechanical properties (impact strength, tensile strength, tensile elongation, flexural strength).
- Significantly improves clarity and transmittance

Dosage and Method of Use:

Dosage:

Nano Nucleating Agent NMC-S05	0.8%
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Method of Use:

NMC-S05 is a high performance nucleating agent for Polyolefins & General Plastic providing a range of benefits to polypropylene and polyethylene. Twin screw extrusion is recommended!

Packing & Storage

- 20KG HDPE Pails / Shelf Life is 1 year (12 months)

All the information above is based on data obtained at laboratory and is not to be used for certifying the suitability of the product. Users are advised to test the product in their own system before purchase.