

NEFTEKHIM PP PP4340S

Polypropylene Homopolymer

Nizhnekamskneftekhim Inc.

Message:

Product obtained by polymerization of propylene in presence of complex organic metal catalysts.

Statistical copolymer of propylene and ethylene possesses increased longterm thermal stability, stability to thermo-oxidative destruction in the process of PP production, PP processing and PP articles usage. Effective nucleation. Improved optical properties. Improved antistatic properties for articles manufacture. Improved rheology of melt.

Application: Thin-wall injection molding.

General Information			
Features	Nucleated Optical Homopolymer Antistatic property Thermal stability, good		
Uses	Thin wall parts		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	42	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	25.0	MPa	ASTM D638
Tensile Elongation (Break)	10	%	ASTM D638
Flexural Modulus	950	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	45	J/m	ASTM D256
Additional Information			

Melt Mass-Flow Rate (MFR), ASTM D1238, 230°C/2.16kg: 38 to 46 g/10min

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