

INEOS PP 100-GA35

Polypropylene Homopolymer
INEOS Olefins & Polymers Europe

Message:

100-GA35 is a polypropylene homopolymer with a nominal MFR of 35 g/10min intended for injection-moulding, master-batches & compounds applications. Is is also suitable for extrusion coating applications in blend with LDPE.

Benefits and Features:

- Very high flow rate
- Controlled rheology - narrow molecular weight distribution
- Good processability
- Optimal product consistency

General Information			
Features	Homopolymer		
	Controlled rheology		
	High liquidity		
	Narrow molecular weight distribution		
Uses	Mixing		
	Masterbatch		
RoHS Compliance	Contact manufacturer		
Forms	Particle		
Processing Method	Extrusion coating		
	Injection molding		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	35	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	31.0	MPa	ISO 527-2
Flexural Modulus (23°C)	1350	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	2.3	kJ/m²	ISO 179/1eA
Notched Izod Impact (23°C)	3.3	kJ/m²	ISO 180/1A
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	78.0	°C	ISO 75-2/B
Additional Information			
Storage and Handling:100-GA35 should be stored in dry conditions at temperatures below 50°C and protected from UV-light.			

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