

ICORENE® N4435

Polypropylene Homopolymer
ICO Polymers EMEA, A Division of A. Schulman

Message:
ICORENE® N4435 is a polypropylene homopolymer with a high fluidity, a good transparency and gloss properties.

General Information			
Additive		Antistatic Processing Aid	
Features		Food Contact Acceptable Good Processability High Clarity High Flow High Gloss Homopolymer	
Uses		Masterbatch	
Agency Ratings		EU Food Contact, Unspecified Rating FDA Food Contact, Unspecified Rating	
Forms		Powder	
Physical	Nominal Value	Unit	Test Method
Density	0.905	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	35	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	36.0	MPa	ASTM D638
Tensile Elongation (Yield)	10	%	ASTM D638
Flexural Modulus	1800	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	24	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	110	°C	ISO 75-2/B
Vicat Softening Temperature	155	°C	ASTM D1525 ¹
NOTE			
1.		Rate B (120°C/h), Loading 2 (50 N)	

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