

Ferro PP NPP00RS01WH

Polypropylene Homopolymer

Ferro Corporation

Message:

Ferro PP NPP00RS01WH is a polypropylene homopolymer (PP Homopoly) material. This product is available in North America, Africa and the Middle East, Latin America, Europe or Asia Pacific.

The main features of Ferro PP NPP00RS01WH are:

Homopolymer

heat stabilizer

General Information			
Additive	heat stabilizer		
Features	Homopolymer		
	Thermal Stability		
Forms	Particle		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.988	g/cm³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	13	g/10 min	ASTM D1238
Molding Shrinkage			ASTM D955
Flow	2.0	%	ASTM D955
Transverse flow	2.3	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield, 23°C)	36.5	MPa	ASTM D638
Tensile Elongation (Break, 23°C)	10	%	ASTM D638
Flexural Modulus - Tangent (23°C)	1770	MPa	ASTM D790
Flexural Strength (Yield, 23°C)	51.7	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	37	J/m	ASTM D256
Unnotched Izod Impact (23°C)	530	J/m	ASTM D256
Dart Drop Impact	0.791	J	ASTM D5420
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, not annealed	113	°C	ASTM D648
1.8 MPa, not annealed	57.2	°C	ASTM D648
CLTE - Flow	6.5E-5	cm/cm/°C	ASTM D696
Additional Information			

Specular Reflectance, CIELAB, 450-700 nm: 95-98%Light Transmission Density, ISO 5/2, 0.0625 in, D value: 2.4Shear Modulus, ASTM D4065: 124000 psi

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Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China



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