

Unilex™ UP 8020NS

Polypropylene Homopolymer

United Polychem

Message:

Unilex™ UP 8020NS is a Polypropylene Homopolymer (PP Homopolymer) material. It is available in North America.

Important attributes of Unilex™ UP 8020NS are:

Antistatic

Food Contact Acceptable

Nucleated

Typical application of Unilex™ UP 8020NS: Food Contact Applications

General Information			
Additive	Antistatic		
	Nucleating Agent		
Features	Antistatic		
	Food Contact Acceptable		
	Nucleated		
Agency Ratings	FDA 21 CFR 177.1520(c) 1.1a		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.900	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	20	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Yield)	37.9	MPa	ASTM D638
Tensile Elongation ² (Yield)	6.0	%	ASTM D638
Flexural Modulus - 1% Secant ³	1520	MPa	ASTM D790A
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	32	J/m	ASTM D256A
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	135	°C	ASTM D648
NOTE			
1.	51 mm/min		
2.	51 mm/min		
3.	1.3 mm/min		

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