

INEOS PP L34N-00

Polypropylene Impact Copolymer

INEOS Olefins & Polymers USA

Message:

Grade L34N-00 is a low gloss, high impact polypropylene copolymer. This material meets the requirements of the U.S. Food and Drug Administration as specified in 21 CFR 177.1520.

- Applications
- High speed injection molding
- Compounding
- Benefits
- Low gloss
- Very good stiffness-to-impact balance
- Excellent processability

General Information			
UL YellowCard	E31830-101158381		
Features	Food Contact Acceptable		
	Good Processability		
	High Impact Resistance		
	Impact Copolymer		
	Low Gloss		
Uses	Compounding		
Agency Ratings	EC 1907/2006 (REACH)		
	FDA 21 CFR 177.1520		
Forms	Pellets		
Processing Method	Compounding		
	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	34	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	79		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield, 23°C)	24.1	MPa	ASTM D638
Tensile Elongation (Break, 23°C)	> 50	%	ASTM D638
Flexural Modulus (23°C)	1310	MPa	ASTM D790B
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ASTM D256
-20°C, 3.18 mm	48	J/m	
23°C, 3.18 mm	130	J/m	

Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	104	°C	ASTM D648
Electrical	Nominal Value		Test Method
Hot-wire Ignition (HWI)			UL 746
1.50 mm	PLC 3		
3.00 mm	PLC 3		
Flammability	Nominal Value		Test Method
Flame Rating			UL 94
1.50 mm, No Color	HB		
3.00 mm, NC	HB		

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