

TIPPLEN® H 949 A

Polypropylene Homopolymer
MOL Petrochemicals Co. Ltd.

Message:

TIPPLEN H 949 A is a high melt flow controlled rheology polypropylene homopolymer. This grade has high melt flow and outstanding processability for shorter cycle times. The grade contains nucleating and antistatic agent.
TIPPLEN H 949 A is recommended for injection moulding of thin-walled packaging products, household and kitchen articles.
TIPPLEN H 949 A is suitable for food contact. The product complies with Food Contact and Toy Safety Regulations.

General Information			
Additive	Antistatic		
	Nucleating Agent		
Features	Antistatic		
	Fast Molding Cycle		
	Food Contact Acceptable		
	Good Chemical Resistance		
	Good Processability		
	Homopolymer		
	Narrow Molecular Weight Distribution		
	Nucleated		
	Opticals		
	Recyclable Material		
Uses	Cosmetic Packaging		
	Food Packaging		
	Household Goods		
	Thin-walled Packaging		
	Thin-walled Parts		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	45	g/10 min	ISO 1133
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	104		ISO 2039-2
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus (Injection Molded)	1800	MPa	ISO 527-2
Tensile Stress (Yield, Injection Molded)	39.5	MPa	ISO 527-2
Tensile Strain (Yield, Injection Molded)	9.0	%	ISO 527-2

Flexural Modulus (Injection Molded)	1900	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength (23°C, Injection Molded)	2.0	kJ/m ²	ISO 180/A
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	118	°C	ISO 75-2/B
Injection	Nominal Value	Unit	
Processing (Melt) Temp	190 to 235	°C	

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Recommended distributors for this material

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