

Sindustris PP R3451

Polypropylene
Sincerity Australia Pty Ltd.

Message:

Sindustris PP R3451 is a Polypropylene material. It is available in Asia Pacific.
Important attributes of Sindustris PP R3451 are:
Antiblock
Slip
Typical application of Sindustris PP R3451: Film

General Information			
Additive	Antiblock		
	Slip		
Features	Antiblocking		
	Slip		
Uses	Film		
	General Purpose		
UL File Number	E306922		
Physical	Nominal Value	Unit	Test Method
Density	0.900	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	8.0	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	82		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Yield)	25.5	MPa	ASTM D638
Tensile Elongation ² (Break)	> 500	%	ASTM D638
Flexural Modulus	853	MPa	ASTM D790
Films	Nominal Value	Unit	Test Method
Film Thickness - Tested	30	µm	
Tensile Strength			ASTM D882
MD : Break, 30 µm	43.1	MPa	
TD : Break, 30 µm	33.3	MPa	
Tensile Elongation - TD (Break, 30 µm)	> 500	%	ASTM D882
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	49	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	50.0	°C	ASTM D648

Vicat Softening Temperature	134	°C	ASTM D1525 ³
Optical	Nominal Value	Unit	Test Method
Gloss (45°, 30.0 μm)	132		ASTM D2457
Haze (3000 μm)	1.5	%	ASTM D1003
NOTE			
1.	50 mm/min		
2.	50 mm/min		
3.	Loading 1 (10 N)		

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