

Sindustris PP R3411

Polypropylene
Sincerity Australia Pty Ltd.

Message:

Sindustris PP R3411 is a Polypropylene material. It is available in Asia Pacific.
Typical application of Sindustris PP R3411: Film

General Information			
Features	Expandable		
Uses	Film		
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)	84		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Yield)	26.5	MPa	ASTM D638
Tensile Elongation ² (Break)	> 500	%	ASTM D638
Flexural Modulus	883	MPa	ASTM D790
Films	Nominal Value	Unit	Test Method
Film Thickness - Tested	30	µm	
Tensile Strength			ASTM D882
MD : Break, 30 µm	44.1	MPa	
TD : Break, 30 µm	58.8	MPa	
Tensile Elongation - TD (Break, 30 µm)	600	%	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)	85.0	°C	ASTM D648
Vicat Softening Temperature	135	°C	ASTM D1525 ³
Optical	Nominal Value	Unit	Test Method
Gloss (45°, 30.0 µm)	1		ASTM D2457
Haze (3000 µm)	1.0	%	ASTM D1003
NOTE			
1.	50 mm/min		
2.	50 mm/min		
3.	Loading 1 (10 N)		

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Recommended distributors for this material

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

