

# EXCELINK 1101B

Thermoplastic Vulcanizate

JSR Corporation

Message:

EXCELINK 1101B is a Thermoplastic Vulcanizate (TPV) material. It is available in Asia Pacific or North America for injection molding.

Important attributes of EXCELINK 1101B are:

Good Adhesion

Good Processability

High Flow

Typical application of EXCELINK 1101B: Sealing Applications

General Information			
Features	Good Adhesion		
	Good Moldability		
	High Flow		
Uses	Seals		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.880	g/cm <sup>3</sup>	ISO 1183
Melt Mass-Flow Rate (MFR)			ISO 1133
230°C/2.16 kg	10	g/10 min	
230°C/5.0 kg	610	g/10 min	
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore A, 15 sec)	20		ISO 868
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress - Across Flow			ISO 37
100% Strain	0.500	MPa	
300% Strain	0.900	MPa	
Tensile Stress - Across Flow (Yield)	2.50	MPa	ISO 37
Tensile Elongation - Across Flow (Break)	700	%	ISO 37
Compression Set			ISO 815
23°C, 22 hr	29	%	
70°C, 22 hr	34	%	
Optical	Nominal Value		Test Method
Gloss (60°)	17		ISO 2813

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