

# EXCELINK 1300B

Thermoplastic Vulcanizate

JSR Corporation

## Message:

EXCELINK 1300B is a thermoplastic vulcanized rubber (TPV) material. This product is available in North America or Asia Pacific region. The processing method is injection molding.

The main features of EXCELINK 1300B are:

Strong adhesion

high liquidity

Good processability

The typical application field of EXCELINK 1300B is: sealing application

General Information			
Features	Good formability		
	Good adhesion		
	High liquidity		
Uses	Seals		
Forms	Particle		
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	0.60	g/10 min	ISO 1133
230°C/5.0 kg	37	g/10 min	ISO 1133
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 15 sec)	36		ISO 868
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress - Across Flow			ISO 37
100% strain	0.900	MPa	ISO 37
300% strain	1.60	MPa	ISO 37
Tensile Stress - Across Flow (Yield)	3.30	MPa	ISO 37
Tensile Elongation - Across Flow (Break)	610	%	ISO 37
Compression Set			ISO 815
23°C, 22 hr	27	%	ISO 815
70°C, 22 hr	34	%	ISO 815
Optical	Nominal Value		Test Method
Gloss (60°)	6		ISO 2813
Additional Information			
Adhesive Strength, JSR Method, 200 mm/min: 1 MPaAdhesive Elongation, JSR Method, 200 mm/min: 70%			

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