

High Performance Olefinic Thermoplastic Elastomer / EXCELINK®

EXCELINK is a high-performance olefinic thermoplastic elastomer (TPV) with excellent moldability, adhesion, high slipperiness and recyclability. A variety of grades are available to meet a wide range of hardness needs.

- Highly suitable for Injection Molding
- Excellent thermal adhesion with olefinic materials
- Excellent Surface Slipperiness
- Maintaining its performance through material recycling
- Wide range of hardness (Shore 30A - 80A)

Application example ; Automotive parts such as weather-sealing.

Properties	Hardness (Shore A)	Density	Melt Mass - Flow Rate (190°C, 21N)	Melt Mass - Flow Rate (230°C, 21N)	Tensile Strength at 100%	Tensile Strength	Elongation at Break	Compression Set (70°C, 22hr)
Unit	-	-	g/10min.	g/10min.	MPa	MPa	%	%
Method	ISO 868	ISO 1183	ISO 1133	ISO 1133	ISO 37		ISO 815	
1301B	38	0.89	50 (49N)	-	1.0	3.2	550	33
1303B	38	0.88	-	2	1.0	3.0	550	43
1309B	36	0.88	8.0	-	0.9	3.5	500	26
1406B	43	0.88	-	13	1.1	3.5	550	41
1504B	54	0.89	-	1.5	1.5	4.5	550	43
1600B	65	0.88	-	4.0	2.0	6.0	600	50
1601B	60	0.88	-	12	1.8	4.5	600	46
1703B	72	0.89	2.0	-	2.5	7.0	650	54
1805B	79	0.89	-	20	3.1	8.0	650	57
1810B	79	0.89	-	55	3.1	7.5	650	55

※This data is representative of physical properties. It is not a product specification.