

Styrene (base) Thermoplastic Elastomer
Properties of RABALON "QE" Series

Item	Method	Unit	Automobile interior/ Injection		Automobile/ Extrusion		General/ Extrusion	
			QE133AT	QE151AT	QE546AT	QE548AE	QE528BTC	QE5700
Density	ISO 1183	g/cm ³	0.93	0.91	0.93	0.98	0.98	1.1
MFR (230 degC, 21.2N)	ISO 1133	g/10min	27	30	3	0.4	—	—
MFR (230 degC, 49N)	ISO 1133		—	—	—	—	18	8
Hardness (Type A durometer)	ISO 7619-1	—	70	80	73	90	73	75
Stress at 100% Elongation	ISO 37	MPa	—	—	2.7	6.1	2.8	2.8
Tensile Strength at Break		MPa	11	8	13	19	12	7
Elongation at Break		%	660	540	800	850	800	850
Compression Set (70°C × 22hr)	ISO 815 *1	%	—	—	42	—	40	55

- Contents in the properties were written in November 2014, and might be revised to improve it without advanced notice.
- Measured values written in the properties are typical without warranty.
- Before using products range, please make sure the legal regulation, conformity and safety limitation in the individual application by testing it in the experiment and checking it in the database list.
- Please pay attention to the patents owned by other companies.
- In the case of application touched to the human body, medical use and food contacting application, please consult us before using our products.
- Please let us know if there are any other queries or if we can help you in any way.
- *1; 6 sheets (each thickness=2mm)

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