

Application: Exterior Parts

Exterior Parts			Wheel Casing		Ventilation cover plate		Padal			Scuff Strip	
Typical Properties			Standard Type		Standard Type		Standard Type			Standard Type	
Items	Test Method	Unit	14-40D	14-50D	13-90A	13-40D	14-65A	14-75A	13-90A	810-45D	810-50D
Density	ISO1183	g/cm ³	0.94	1.005	0.945	0.945	0.97	0.98	0.945	0.945	0.95
Shore Hardness	ISO7619	ShoreA/D	45	50	92	44*	66	76	92	45	50
Tensile Strength	ISO37	MPa	14.5	12.8	12.5	20	4.6	6.2	12.5	15.5	16.2
Elongation@BK	ISO37	%	600	360	450	620	350	360	450	580	590
CompressSet(70°C,22h)	ISO815	%	/	/	55	/	33	38	55	/	/
Tensile Change	ISO188	%	-10.6	-11.6	-7.5	-8.6	-13.8	-10.6	-7.5	-15.6	-14.68
Elongation Change	ISO188	%	-16.2	-16.8	-12.2	-13.2	-16.7	-11.7	-12.2	-20.8	-19.8
Accelerated Weathering 2500KJ	SAE J2527	Delta E	1.7	1.7	1	1.4	1.5	0.8	1	1.9	1.8
NotchedIzodImpactStrength23°C	ISO180	KJ/m ²	NB(40P)	NB(48P)	/	NB(46P)	/	/	/	NB(40P)	NB(39P)
NotchedIzodImpactStrength-30°C	ISO180	KJ/m ²	16C	11C	/	16H	/	/	/	12C	8C
HDT(0.45MPa)	ISO75	°C	58	82	/	60	/	/	/	56	68
Mould Shrinkage	ISO294	%	1.00-1.35	0.80-1.15	/	1.1-1.5	/	/	/	0.80-1.30	1.10-1.35
MFR(230°C,A:5kg / D:2.16kg)	GB/T3682	g/10min	25	15	5	2.5	160	140	5	20	23



Wheel Casing



Ventilation cover plate



Padal



Scuff Strip