

Thermo Plastic Elastomer

Properties	Testing Method	Unit	TPS-T					TPS-G						
			30A	35A	42A	50A	65A	30A	35A	45A	55A	70A	85A	95A
Specific Gravity	D792	-	0.88	0.88	0.89	0.90	0.89	1.1	1.0	1.1	1.1	1.0	1.0	1.1
Hardness	D2240	Shore A	30	35	42	50	65	30	35	45	55	70	85	95
Tensile Strength	D412	Kg/cm ²	50	43	46	49	54	29	30	32	65	65	95	110
Elongation	D412	%	630	590	610	530	500	700	600	500	490	500	500	550
Tear Resistance	ASTM D624 Die C	Kg/cm	20	15	18	21	36	13	16	19	26	43	50	69
Heat Aging Resistance	D573 136°C 7D	% TB/EB	73/75	80/85	85/85	85/85	90/90	74/74	80/80	84/85	80/80	89/89	89/85	89/89
Weather Resistance	W-O-M 63°C 500hrs	% TB/EB	80/85	74/84	74/79	76/80	70/75	73/78	73/78	80/80	80/85	78/78	70/75	73/73
Brittle Temperature	D746	°C	-61	-60	-55	-58	-60	-58	-58	-58	-60	-50	-45	-45
Color			Transparent					Natural or Black						
Injection Molding			170°C ~ 210 °C											