

FLEX (THERMOPLASTIC ELASTOMER COMPOUNDS - TPE)

PARAMETER	Colour		Specific Gravity	MFI@190°C /5 Kgs	Hardness Shore A	Tensile Strength	Elongation at Break (With Extensometer)	Tear Strength	APPLICATIONS
	Visual	By Specto-photometer							
UNIT		DELTA-E	-	gm /10 Min	Nos.	Kg /cm ²	%	Kg/cm	
Grade	KLJ - TM		ASTM D792	ASTM D1238	ASTM D2240	ASTM D 412	ASTM D 412	ASTM D624	
SS-1005	VISUAL - TO MATCH WITH THE STD.	≤ 1.0	0.88 ± 0.02	≥ 80	15 ± 3	≥ 10	≥ 500	N.A.	HEEL PAD
SS-1015			0.88 ± 0.02	≥ 5	15 ± 3	≥ 25	≥ 400	≥ 10	FOOT BED GEL
SS-1040 TB			0.88 ± 0.02	≥ 150	40 ± 3	≥ 25	≥ 500	≥ 10	EVA MODIFICATION
SS-1070 NAT			0.88 ± 0.02	≥ 50	70 ± 3	≥ 50	≥ 450	≥ 20	TOOTH BRUSH/PEN GRIP
SS-1070 PG CLO			0.88 ± 0.02	≥ 20	70 ± 3	≥ 40	≥ 400	≥ 20	PEN GRIP
SS-1050 TL			0.90 ± 0.02	≥ 8	50 ± 3	≥ 40	≥ 500	≥ 25	EXTRUDED GASKETS
SS-1060 PG CLO			0.90 ± 0.02	≥ 25	60 ± 3	≥ 40	≥ 400	≥ 20	PEN GRIP
SS-1060J			0.90 ± 0.02	≥ 15	60 ± 3	≥ 45	≥ 500	N.A.	OVER MOULDING
SS-1075			0.90 ± 0.02	≥ 25	75 ± 3	≥ 40	≥ 400	≥ 20	FOOTWEAR
TV-1090 UV			0.90 ± 0.02	≥ 100	95 ± 3	≥ 50	≥ 200	≥ 20	CAP SPRAY
SS-2155 ISG/SPL			0.96 ± 0.02	≥ 2	55 ± 3	≥ 40	≥ 450	≥ 20	SYRINGE GASKET
SS-1178			0.98 ± 0.02	≥ 10	79 ± 2	≥ 40	≥ 440	≥ 20	SKATING WHEEL
SS-1060 WC (N)			0.99 ± 0.02	≥ 25	60 ± 3	≥ 38	≥ 400	N.A.	GASKETS
SS-1140 TB			1.02 ± 0.02	≥ 40	40 ± 3	≥ 25	≥ 500	≥ 10	SHOE COMPONENT
KB-4020			1.03 ± 0.02	≥ 50	40 ± 3	≥ 25	≥ 500	≥ 18	SHOE COMPONENT
SS-2185 BS NEW			1.05 ± 0.02	≥ 35	85 - 90	≥ 35	≥ 200	≥ 20	BLINKER STAY
SS-2170			1.10 ± 0.02	≥ 10	70 ± 3	≥ 45	≥ 450	≥ 22	SYRINGE GASKET
SA-2160 SRP			1.18 ± 0.02	≥ 25	60 ± 3	≥ 15	≥ 250	≥ 8	GASKETS
SS-2165 GDX MX			1.21 ± 0.02	≥ 20	65 ± 3	≥ 20	≥ 300	≥ 10	DAMPENING PAD

Note : As per requirement all grades are available in different colours and different hardness. REACH Compliant grades can also be manufactured on demand. The properties of the compounds are indicative and represent the values as tested in our laboratories. There is no guarantee/warranty what-so-ever. Suitability of the Product for particular application may be verified before use.