

LOTTE Chemical's Elastomer Solution

LOTTMER[®] Thermoplastic Elastomer

LOTTE Chemical's LOTTMER[®] is a material that has the properties of thermosetting plastics such as hardness and viscoelasticity. It can be also freely molded like thermoplastics when heated. In addition, it has excellent elastic recovery, strong heat resistance, weatherability, chemicals and ozone resistance, among others. It can be used as a replacement for soft PVC or thermosetting rubber (CR, NBR, EPDM, etc.).



Light-weight



Eco-friendly



Processability



Cost competitiveness

LOTTMER[®] Thermoplastic Elastomer

	Ref.	LOTTMER	
	Crosslinked rubber	TPV (H-Series)	TPS (S-Series)
Specific gravity (g/cm ³)	1.2 ~ 1.6	0.96~0.98	0.90~1.1
Key features	Excellent compression set molding available for simple shapes only	Excellent compression set and recovery molding available for complex shapes	Excellent elongation and low temperature impact molding and coloring available for complex shapes
Reuse	Unavailable	Available	
Applications	Automotive, Building & Construction	Automotive, E&E, Building & Construction	Automotive, E&E, HA, Building & Construction, Sporting goods, Household items

LOTTMER® Line-ups & Applications

Line-up

Soft

Hard



Applications

