

## Product Information Tuftec™

Brochures 










## Hydrogenated Styrenic Thermoplastic Elastomer (SEBS) Tuftec™

Tuftec™ is a hydrogenated styrene butadiene block copolymer (SEBS). It is characterized by outstanding weatherability and thermal stability, as well as superior elastomeric characteristics.

Tuftec™ is consisted of following three type of products.

- Tuftec™ H
- Tuftec™ M : Acid or Amine modified type
- Tuftec™ P : Selective hydrogenated type

## Characteristics

Grade	Type	Shore-A	S/EB Ratio	MFR*1	Applications
H1221	H	42	12/88	4.5	  
H1062	H	67	18/82	4.5	
H1052	H	67	20/80	13.0	 
H1041	H	84	30/70	5.0	 
H1051	H	96	42/58	0.8	

Application Icon Description



Polymer Modification



Adhesives &amp; Sealants


























Medical



TPE Compounds



Footwear

H1517	H	92	43/57	3.0			
H1043	H	D72	67/33	2.0			
N504	H	-	32/68	No Flow			
H1272	H	35	35/65	No Flow			
M1943	M	67	20/80	8.0			
M1911	M	84	30/70	4.5			
M1913	M	84	30/70	5.0			
MP10	M	89	30/70	4.0			
P1083	P	56	20/80	3.0 *2			
P1500	P	69	30/70	4.0 *2			
P5051	P	93	47/53	3.0 *2			
P2000	P	D74	67/33	3.0*2			






Hygiene



Food Packaging

**Trial Grade**

L521	H	39	18/82	15.0			
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\*1Condition:230°C, 2.16kgf

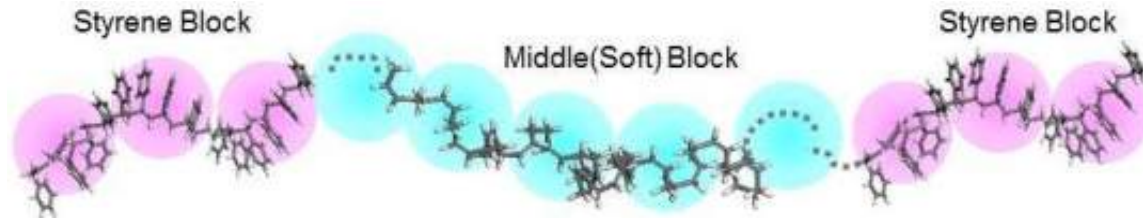
\*2Condition:190°C, 2.16kgf

**Futures**

- [Weatherability](#)
- [Thermal stability](#)
- [Elasticity at broad temperature range](#)
- Superior chemical resistance against acid, base and alcohol
- [Good compatibility to styrenic and orofinic resins](#)
- [Good compatibility to engineering plastics](#)

**Application and Usage**

- [Substitute for PVC](#)
- [Modifier for styrenic and orofinic resins \(PE, PP, PS\)](#)
- [Modifier for engineering plastics \(PA, PET, PC, PPO\)](#)
- [Compatibilize for polymer blend](#)
- [Adhesives and sealants](#)
- [Adhesives for protective film](#)
- [Modifier for paint and ink](#)
- [Tie layer resin for multi-layer film](#)
- [Raw material for TPE compound](#)

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- **IMPORTANT NOTICE REGARDING MEDICAL APPLICATIONS**

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