

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, chemical & ozone resistance. Lottmer can replace PVC and thermosetting rubber (CR, NBR, EPDM, etc.)

Lottmer® PRODUCT PORTFOLIO

1. H-series

A⁺

Long-term
reliability



Restoring
strength



Processability



Recyclability

TPV based PP, EPDM

| Characteristics | Restoring strength | Oil resistance | Weatherability | Flowability | High heat resistance | Specialty |
|-----------------|--|--|---|--|--|--|
| | | | | | | Flame retardant |
| Grade | <ul style="list-style-type: none"> · HX-064AB · HX-075AB | <ul style="list-style-type: none"> · HX-064AB · HX-093AB · HS-040DB | <ul style="list-style-type: none"> · HS-350AB · HS-360AB · HX-380AB · HS-385AB · HS-335DB · HS-350DB · HS-350DBW | <ul style="list-style-type: none"> · HS-360AB · HS-385AB · HX-145DB · HX-155DB | <ul style="list-style-type: none"> · HX-065DB | <ul style="list-style-type: none"> · HS-265AB · HS-275AB · HS-285AB |

Applications



Automotive



E&E



Building &
Construction



Air intake hose



Fuel door seal



Weather strip

2. S-series


High
resilience


Exterior
design


Processability


Colorability

TPE based PP, SEBS

| Characteristics | Adhesiveness | Hygiene | Flowability | Weatherability | Specialty | |
|-----------------|---|--|--|--|-------------|-----------------|
| | | | | | Transparent | High resilience |
| Grade | <ul style="list-style-type: none"> SH-655AB SH-660AB SH-660ABW | <ul style="list-style-type: none"> SE-130AN SE-140AN SH-060AT | <ul style="list-style-type: none"> SE-130AN SE-140AN SE-050AB(S2) SE-770AB SE-180AB-TRY SE-790AB | <ul style="list-style-type: none"> SE-350DN SE-360DN SE-360DB SE-380DB | SH-060AT | SE-060AN |

Applications



Automotive



E&E



Building &
Construction,
Agricultural
purpose



Sundries



Window gasket



Hose for home appliances



TV frame gasket

Hardness comparison (Softness - Hardness)

Softness

Hardness

