



**High Performance Urethane
For
“Can’t Fail” Applications**

THERMOPLASTIC ELASTOMER ST-1035-90

POLYMER: Polyether TPU.

DESCRIPTION: High temperature lamination film.

GENERAL PROPERTIES

	Specifications	Units	Values
Durometer:	D2240		90A
Specific Gravity:	D792		1.15
Thermal Properties:			
Maximum Service Temperatures,			
-continuous		F C	-65 to 225 -54 to 107
-melting point range		F C	380 to 420 193 to 216
Tensile Properties:	D638		
Modulus @ 100% strain		psi	1300
Modulus @ 300% strain		psi	3000
Modulus @ break		psi	8000
Modulus of elasticity up to 10% strain		psi	
Elongation @ break		%	375
Set @ break		%	15
Tear Properties:			
Die C	D624	pli	475

Recommended Applications: high temperature laminations.