

TPEE (polyester elastomer) Hytrel,Anitel

physical property of Hytrel

Spec for reference only			Grade						
Item		ASTM	Unit	35	40	47	55	63	72
Hardness		D2240	Shore D	35	40	47	55	63	72
Flexural Modulus	-40°C	D790	MPa	49	207	320	850	2000	2410
	23°C		MPa	35	65.5	117	193	300	518
Elongation		D638	MPa	8.6	13.8	20.7	31.0	41.0	45.8
Elongation		D638	%	215	270	275	375	420	350
Izod Impact	-40°C	D256	J/CM	NB	NB	NB	0.3	0.3	0.4
	23°C		J/CM	NB	NB	NB	NB	NB	0.8
Melting point			°C	156	173	208	210	215	219
Specific Gravity				1.15	1.18	1.20	1.22	1.22	1.25