

**iapd**international association
of plastics distribution**PROPERTIES OF DIFFERENT THERMOPLASTIC ELASTOMERS (TPE)**

Property	Styrenic	TEO	TPV	Copolyester	Polyurethane	Polyamide
Hardness, Shore	20A-60D	60A-65D	35A-50D	35D-72D	60A-55D	60A-65D
Specific gravity	0.90-1.20	0.89-1.00	0.94-1.00	1.10-1.40	1.10-1.30	1.00-1.20
High temperature limit (°C)	100	100	135	125	120	170
Low temperature limit (°C)	-70	-60	-60	-65	-50	-40
Compression set resistance At 100°C	P	P	G/E	F	F/G	F/G
Resistance to aqueous fluids	G/E	G/E	G/E	P/G	F/G	F/G

P=Poor F=Fair G=Good E=Excellent