

COMPARISON TABLE THERMOSET RUBBER

Base polymer	Abbreviation (ISO 1629)	Type	Mechanical properties			Temperature behaviour			Chemical resistance			Other aspects	
			Hardness (Shore A) Hardness (Shore D)	Tensile strength	Compression set at 100°C	Long term high temperature	Short term high temperature	Low temperature	Mineral oil	Alifatic hydrocarbons	Hot water	Hydrolyse	Weather resistance
Polyetheramide	TPE-A		60 75			130	145						
Polyetherester	TPE-E		40 72			110	125						
Olefin blend	TPE-O	EP / PPO	65 75			95	110						
Styrene block polymer	TPE-S	SEBS	10 60			85	110						
Polyurethane	TPE-U		70 85			100	120						
Crosslinked olefin blend	TPE-V	PP/NBR	75			100	115						
		PP/EPDM	35 75			100	130						

Poor Sufficient Reasonable Good Excellent

These data are only as guidance and should be used accordingly. No rights can be derived. It is strongly recommended to check and test selected material with each single specification.

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