



TECHNOVINYL POLYMERS(I)LTD.



**TECHNICAL DATA SHEET**

**K-PRENE THERMOPLASTIC ELASTOMER  
LOW COMPRESSION SET FOR EPDM REPLACEMENT**

PROPERTIES	UNIT	K PRENE GLC 6040	K PRENE GLC 6050	K PRENE GLC 6060	K PRENE GLC 6070
SPECIFIC GRAVITY	--	0.94 ± 0.02	0.94 ± 0.02	0.94 ± 0.02	0.95 ± 0.02
HARDNESS	SHORE A	40 ± 5	50 ± 5	60 ± 5	70 ± 5
TENSILE STRENGTH	Kg/cm <sup>2</sup>	30 ± 5	35 ± 5	40 ± 5	50 ± 5
ELONGATION AT BREAK	%	> 700	> 700	> 700	> 600
COLOUR	-	NATURAL	NATURAL	NATURAL	NATURAL
<b>COMPRESSION SET</b>					
AT 40°C	%	36	36	36	38
AT 70°C	%	42	42	42	45
AT 125°C	%	52	52	52	55
UV & SUNLIGHT RESISTANCE		YES	YES	YES	YES
OZONE RESISTANT		YES	YES	YES	YES
ACID & ALKALI AND CHEMICAL RESISTANT		YES	YES	YES	YES
OIL, FUEL & GREASE RESISTANT		NO	NO	NO	NO
HEAT RESISTANT UPTO 125°C		YES	YES	YES	YES
APPLICATION		EPDM REPLACEMENT RUBBER REPLACEMENT			