



ROYAL GLOBAL ENERGY

RGE's core business Oil, Gas, Refining and Petrochemicals

Product Name: GPPS				
PROPERTY	ASTM TEST	TEST	VALUE	UNIT
Melt Flow Index	D1238	200 °C / 5kgs	8	gm / 10 min
Vicat Softening Point	D1525	1kg / 120 °C	101	°C
HDT (Unannealed)	D648	18.564 kg/cm ²	82	°C
Tensile Strength	D638	50 mm/min.	490	kg / cm ²
Elongation	D638	50 mm/min.	2	%
Flexural Strength	D790	3.2 mm	820	kg / cm ²
Flexural Modulus	D790	3.2 mm	29000	kg / cm ²
Izod Impact (Notched)	D256	3.2 mm	20	J/m
Glow Wire temperature	IEC 695-2-1	-	-	°C
Flammability	UL 94	@ 1.6 mm	HB	-
Specific Gravity	D792	-	1.04	-
Melt temp.	-	-	180-260	°C
Pre drying temp.	-	-	NA	°C
Mold temp.	-	-	40-60	°C