

TECHNICAL DATA SHEET

GPPS GRADE MP08

PARAMETER	UNIT	TEST METHOD	VALUE
DENSITY / BULK DENSITY	GR/CM ³	ASTM D - 1895	1.02
FLEXURAL MODULUS	MPA	ASTM 790	2947.10
TENSILE STRENGTH	MPA	ASTM D - 638	51.76
VICAT SOFTENING	°C	ASTM D - 1525	104
HEAT DISTORTION - TEMPERATURE (HDT)	°C	ASTM D - 648	97
MFI	G/10MIN	ASTM D - 1238	10,11
DEREMINATION OF RESIDUAL - STYRENE MONOMER	PPM	CLGLABPSG004	<500

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Office 701-705 – 7th floor – Opal Tower – Burj khalifa Road – Business bay – Dubai – United Arab Emirates

TECHNICAL DATA SHEET

GPPS GRADE 1109

PARAMETER	UNIT	TEST METHOD	VALUE
DENSITY / BULK DENSITY	GR/CM ³	ASTM D - 1895	1.02
FLEXURAL MODULUS	MPA	ASTM 790	2900
TENSILE STRENGTH	MPA	ASTM D - 638	15
VICAT SOFTENING	°C	ASTM D - 1525	98
HEAT DISTORTION - TEMPERATURE (HDT)	°C	ASTM D - 648	97
MFI	G/10MIN	ASTM D - 1238	7
DEREMINATION OF RESIDUAL - STYRENE MONOMER	PPM	CLGLABPSG004	<500

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TECHNICAL DATA SHEET

GPPS GRADE 1077

PARAMETER	UNIT	TEST METHOD	VALUE
FLEXURAL MODULUS	MPA	ASTM D - 790	3100
TENSILE STRENGTH	MPA	ASTM D - 638	52
VICAT SOFTENING	°C	ASTM D - 1525	100
MFI	G/10MIN	ASTM D - 1238	7
CHARPY IMPACT STRENGTH (UN NOTCHED)	KG/M ²	ASTM D - 648	8

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