

# PW90

PHYSICAL PROPERTIES	UNIT	TEST METHOD	VALUE
Specific Gravity		-	0.91
Tensile Strength at yield	Mpa	BS 2782 Part 3 Method 320C (25mm/min)	28
Hardness	Shore D	ASTM D2240	78
Izod Impact Notched (23deg C)	J/m	ASTM D256A	55
<b>TYPICAL PROPERTIES OF PW90</b>			
Heat Distortion	°C	DIN 53461 Method B	112
Vicat Softening Point (10N)	°C	DIN 53460 VICAT A	150
Coefficient of Linear Expansion	K <sup>-1</sup>	DIN 53752	1 x 10 <sup>-4</sup> at 20°C 2 x 10 <sup>-4</sup> at 90°C
Specific Heat	Kj/Kg °K	-	1.7-1.9
Fire Rating BS476 Part 7	-	-	Class 4

## PRODUCT INFORMATION

**AVAILABILITY** - Custom manufactured up to 2425mm wide subject to minimum order quantity.

**GAUGES** - 1 - 30mm

**COLOURS** - Natural, White, Blue, Grey, Black and Beige.

**FOOD APPROVAL** - The raw materials used in PW90 have clearance for use in contact with food stuffs.

**EMBOSESSES** - various embossed surfaces can be manufactured to order.

**UV PROTECTION** - If PW90 is to be exposed to UV radiation, Partwell advise the addition of a UV stabiliser at the time of manufacture.

**ANTI-SCUFF FINISH** - embossed grade of PW90 is available to produce tanks etc, where a level of protection from scratches and abrasion is required.

**CHEMICAL RESISTANCE** - PW90 has excellent chemical resistance. All PW90 is highly stabilised to withstand aggressive chemical environments.

**CLEANING** - because materials do not easily adhere to the surface of PW90, bacterial growth is inhibited and can be easily removed using conventional cleaning methods up to 100°C.