

# XYRON W series properties

Asahi**KASEI**

Properties	Unit	Standard	Condition	XYRON W5002 (Black)	XYRON WG722 (Black)	XYRON WG732 (Black)
Density	g/cm <sup>3</sup>	ISO 1183	23°C	1.06	1.20	1.31
Water Absorption	%	ISO 62	in water	0.06	0.06	0.07
DTUL	°C	ISO 75-1	1.8 MPa	114	145	145
CLTE	X 10 <sup>-5</sup> mm/mm/ °C	ISO 11359	MD	7.7	2.7	2.1
			TD	8.5	6.8	6.7
Mold Shrinkage (150*150*2mmt)	%	Asahi Kasei Method	MD	0.50	0.28	0.20
			TD	0.70	0.53	0.54
MFR	g/10min	ISO 1133	250°C, 10 kg	6	2	3
Tensile Strength	MPa	ISO 527	23°C, 50% RH	63	125	140
Weld Strength	MPa	-	23°C, 50% RH	60	66	60
Elongation	%	ISO 527	23°C, 50% RH	10	3	3
Flexural Strength	MPa	ISO 178	23°C, 50% RH	97	190	210
Flexural Modulus	MPa	ISO 178	23°C, 50% RH	2,400	7,100	9,200
Charpy Impact Str.	kJ/m <sup>2</sup>	ISO 179	23°C, 50% RH	18	11	11