

Xuanwu™ XW8112

PBT...

Polyalloy Inc.

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	6	g/10min	ASTM D 1238
Temperature	250	°C	-
Load	2.16	kg	-

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Strength	62.8	MPa	ASTM D 638
Elongation at Break	3	%	ASTM D 638
Flexural Modulus	4414	MPa	ASTM D 790
Flexural Strength	108	MPa	ASTM D 790
Izod Impact notched, 1/8 in	29.4	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ASTM Data			
DTUL @ 66 psi	200	°C	ASTM D 648
DTUL @ 264 psi	110	°C	ASTM D 648

Other properties	Value	Unit	Test Standard
Density	1430	kg/m ³	ASTM D 792

Characteristics**Special Characteristics**

Platable

Regional Availability

Europe, Asia Pacific

Applications

General Purpose