

# TAISTIR

Polystyrene Post-consumer	Test Method	Units	PSr-AA-3	PSr-AB-4	PSr-AB-3
Usage type	-	-	injection-extrusion	injection-extrusion	injection-extrusion
Available colors	-	-	black	light grey	white
<b>Physical Properties</b>					
Density	ASTM D 792	g/cm <sup>3</sup>	1.00-1.06	1.00-1.06	0.99-1.06
Melt Flow Index (230°C, 2.16kg)	ASTM D 1238	g/10min	4-7	4-7	4-7
<b>Mechanical Properties</b>					
Tensile Modulus	ASTM D 638	Mpa	>1700	>1700	>1800
Tensile Stress	ASTM D 638	Mpa	>20	>20	>20
Tensile Strain	ASTM D 638	%	>2	>2	>2
Flexural Modulus	ASTM D 790	Mpa	>1800	>1700	>1700
Flexural Strength	ASTM D 790	Mpa	>30	>30	>30
<b>Impact Properties</b>					
Notched Izod Impact Strength (23°C)	ASTM D 256	kJ/m <sup>2</sup>	5-8	6-10	6-9
<b>Thermal Properties</b>					
Heat Deflection Temperature	ASTM D 648	°C	>70	>70	>70

The information contained herein are supplied in good faith and given purely as an indication. Properties should be carefully evaluated for all projects requirements. They shall not be considered in any way as a formal commitment or warranty on our part especially in case of improper use of our products from third parties.

**All ASP products can be formulated and implemented according to specific requirements of the customer, including staining.**

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