

TAIPLLEN

Polypropylene Post-consumer	Test Method	Units	PPr-CB-31-M	PPr-BB-22	PPr-AA-32	PPr-CB-31	PPr-AB-42	PPr-AC-3	PPr-CB-31
Usage type	-	-	extrusion/ injection	injection	injection	injection	injection	extrusion/ injection	injection
Available colors	-	-	colour mix	dark grey	black	black	black	black	purple
Physical Properties									
Density	ASTM D 792	g/cm ³	0.90-0.93	0.91-0.93	0.95-1.00	1.03-1.06	0.91-0.93	0.90-0.93	0.90-0.91
Melt Flow Index (230°C, 2.16kg)	ASTM D 1238	g/10min	4-8	6-9	5-7	4-7	6-9	4-8	4-7
Mechanical Properties									
Tensile Modulus	ASTM D 638	Mpa	>1100	>1100	>1000	>1500	>1200	>1100	>1100
Tensile Stress	ASTM D 638	Mpa	>29	>30	>20	>20	>25	>29	>21
Tensile Strain	ASTM D 638	%	>7	>7	>10	>5	>10	>7	>7
Flexural Modulus	ASTM D 790	Mpa	>1000	>1000	>800	>1100	>950	>1000	>850
Flexural Strength	ASTM D 790	Mpa	>29	>29	>20	>27	>25	>29	>20

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Impact Properties									
Notched Izod Impact Strength (23°C)	ASTM D 256	kJ/m ²	5-7	5-6	5-7	4-5	5-6	5-7	>10
Thermal Properties									
Heat Deflection Temperature	ASTM D 648	°C	>85	>85	>45	>45	>85	>85	>50

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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