

TAILEN

Polyethylene Post-consumer	Test Method	Units	PEr- C23	PEr- C124	PEr AA-4	PEr BA-4	PEr AB-42	PEr BA-4	PEr AB-6	PEr BB-2	PEr CA-20
Usage type	-	-	extrusion/ blowing	extrusion/ blowing	extrusion	extrusion	extrusion	extrusion	extrusion	extrusion	extrusion
Available colors	-	-	turquoise	black	natur	natur	color	green	black	blue	natur
Physical Properties											
Density	ASTM D 792	g/cm ³	0.93-0.96	0.94-0.96	0.91-0.935	0.91-0.93	0.91-0.94	0.93-0.95	0.97-1.00	0.97-0.99	0.9-0.925
Melt Flow Index (230°C, 2.16kg)	ASTM D 1238	g/10min	0.2-0.5*	1.20-1.60**	0.10-0.50	0.60-1.00	0.10-0.70	0.50-0.90	0.20-0.80	0.60-0.80	1.00-3.00
Mechanical Properties											
Tensile Modulus	ASTM D 638	Mpa	>1000	>1000	>190	>100	>140	>200	>177	>195	>167
Tensile Stress	ASTM D 638	Mpa	>20	>20	>15	>13	>16	>15	>17	>15	>10
Tensile Strain	ASTM D 638	%	>15	>15	>90	>55	>17	>120	>17	>89	>500
Flexural Modulus	ASTM D 790	Mpa	>600	>600	>150	>170	>84	>205	>158	>170	>127
Flexural Strength	ASTM D 790	Mpa	>15	>15	>8	>10	>8	>9	>9	>9	>8

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Impact Properties											
Notched Izod Impact Strength (23°C)	ASTM D 256	kJ/m ²	>68	>68	>32	>30	>34	>35	>44	>45	>29
Thermal Properties											
Heat Deflection Temperature	ASTM D 648	°C	>30	>30	>35	N/A	>35	>40	>46	>40	N/A

* The molt flow index is calculated as 200°C, 5kg

** The melt flow index is calculated as 190°C, 5kg

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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