



DATA SHEET

HAIPLEN H30 G4 BA

Polypropylene homopolymer glass fiber reinforced 20% chemical coupled, good mechanical properties.

Available: all colors, UV stabilized (L), heat stabilized (H), laser printable (LP), detergent stabilized(D)

DRYING - conditions	Melt temperature:	220-250°C
Pre-heater:	Mould temperature:	50-70°C
Dryer:	Rate of injection:	MEDIUM

PROPERTY	METHOD	DIN	ISO	ASTM	unit	VALUE	condition
PHYSICAL							
Melt Flow Index		5373	R292	D123	g/10'	5	230°C 2160gr
Density (23 °C)		5347	R118	D792	Mg/m ³	1,05	
Water Absorption (24h / 23°C)		5349	R62	D570	%	0,1	
Mould Shrinkage (Parallel)				D955	%	0,35-0,65	
Mould Shrinkage (Normal)				D955	%	0,85-0,95	
MECHANICAL							
IZOD Notched Impact		-	180	D256	J/m	90	
Flexural Modulus		5345	R178	D790	N/mm ²	4500	
Elongation at Break		5345	R527	D638	%	10	
Tensile Yield Strength		5345	R527	D638	N/mm ²	50	
FLAMMABILITY							
Oxigen index				D286	%	21	
Flame Behaviour (1,6 mm)	UL 94					HB	
Rate of flame spread	FMVSS 302	-	-	-	mm/min	<100	
THERMAL							
VICAT Temperature (1 kg)		5346	R306	D152	°C	155	
VICAT Temperature (5 kg)		5346	R306	D152	°C	135	
Heat Deflection Temperature (1,82 N/mm ²)		5346	R75	D648	°C	130	

These value are for natural color only. Colorant or other additives may alter some or all of these property. The data listed here fall within the normal range of product properties, but they should not be used to establish specification limits nor used alone as the basis of design.