

Techno ABS H530L (D1)

ABS

Techno-UMG Co., Ltd.

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	43	g/10min	ISO 1133
Temperature	240	°C	-
Load	10	kg	-
Molding shrinkage, parallel	0.5	%	ISO 294-4, 2577

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Strength	40	MPa	ISO 527
Flexural modulus, 23°C	2120	MPa	ISO 178
Flexural strength	64	MPa	ISO 178
Charpy impact strength, +23°C	23	kJ/m ²	ISO 179/1eU
Rockwell hardness	R 103	-	ISO 2039-2

Other properties	Value	Unit	Test Standard
Density	1050	kg/m ³	ISO 1183

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	80 - 90	°C	-
Pre-drying - Time	3 - 6	h	-
Mold temperature	50 - 100	°C	-
Zone 1	190 - 260	°C	-

Characteristics**Processing**

Injection Molding

Applications

Automotive

Special Characteristics

Heat stabilized or stable to heat

Regional Availability

North America, Asia Pacific