

TDS for Tile Levelling Clips, Wedges & Spacers



Product Identification

Product Name: Tile Levelling Clip / Tile Wedge / Tile Spacer

Company: Skyline Technology

Category: Tile Installation Accessories

Material Used: PP Homopolymer (Reliance H110MA)

Typical Applications

- Ceramic and vitrified tile installation
- Floor and wall tiling
- Ensures uniform grout lines and tile levelling

Product Dimensions & Tolerances (*example*)

Product	Size/Type	Tolerance
Clip	2.0 mm , 3.0 mm & 4.0 mm	±0.2 mm
Wedge	Universal Fit	---
Spacer	2 mm, to 10 mm	±0.2 mm

Processing Method

Molding Process: Injection Molding

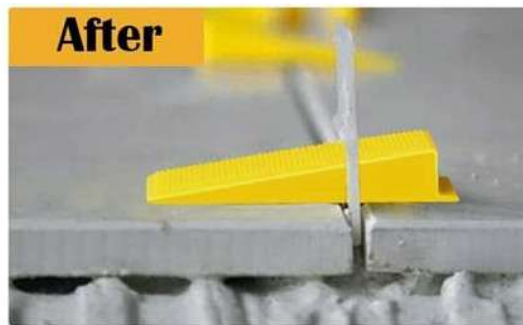
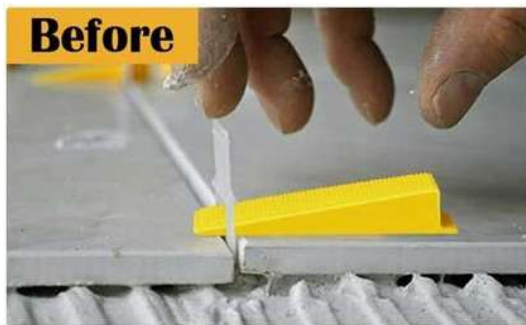
Recommended Melt Temperature: 210–260°C

Mold Temperature: 30–50°C

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Material Properties (based on H110MA TDS)

Property	Test Method	Unit	Typical Value
Melt Flow Rate (230°C/2.16kg)	ASTM D1238	g/10 min	11
Density	ASTM D792	g/cm ³	0.90
Tensile Strength at Yield	ASTM D638	MPa	36
Elongation at Yield	ASTM D638	%	10
Flexural Modulus	ASTM D790A	MPa	1650
Notched Izod Impact Strength (23°C)	ASTM D256	J/m	27
Heat Deflection Temperature (455 KPa)	ASTM D648	°C	104
Hardness – Shore D	ASTM D2240	---	70



Regulatory Compliance
Complies with IS 10910
and IS 16738:2018
FDA-compliant material
as per CFR Title 21,
177.1520 (raw material
level)

