

P-Fil (Spe Grade)

Filler — Ultrafine Dolomite

Document No.	TI/TDS/PFIL-01	Grade Code	TI-PFIL-SPE
Issue Date	06-08-2026	Revision	00

Natural ultrafine dolomite powder manufactured from high-purity ores.

Typical applications: PVC compounds, masterbatch, polymer & rubber compounding, paints.

SPECIFICATIONS

Parameter	Unit	Typical Value	Test Method
Density	—	2.7	ISO 787/10
Refractive index	—	1.5	—
Hardness (Mohs)	—	3	—
Residue on 45 µm sieve	%	≤ 0.02	ISO 787/7
Top cut, d90	µm	15	—
Mean particle size, d50	µm	4	—
Particles < 15 µm	%	90	—
Particles < 4 µm	%	50	—
Whiteness (ASTM E313)	%	93	ASTM E313
Brightness (Tappi)	%	95	ISO 2470
Moisture (ex-works)	%	≤ 0.2	ISO 787/2
Unpacked bulk density	g/ml	0.8	ISO 787/11
pH value	—	8.5 – 9	ISO 787/9
Oil absorption	g/100g	18	ISO 787/5
DOP absorption	g/100g	26	ISO 787/5

Origin: Alwar, Rajasthan.

Disclaimer: Values are typical and given in good faith; they are subject to normal production tolerance and do not constitute a warranty. The buyer is responsible for verifying suitability for their own application and process.