SHOBEIR SHIMI
WWW.SHOBEIRSHIMI.COM
info@shobeirshimi.com

TITANIUM DIOXIDE R-878
RUTILE TITANIUM DIOXIDE PIGMENT

R-878 is a rutile titanium dioxide pigment manufactured using the sulfate process. It combines inorganic surface treatment based on aluminum and silicon with organic surface modification to support dispersion in plastic and rubber formulations. This grade offers good whiteness, strong hiding power, good tinting strength, and gloss, making it suitable for masterbatch, flexible PVC, and other polymer applications.

FEATURES	Applications
Good whiteness and gloss, strong hiding power, good tinting strength, easy dispersion in plastics and rubber, and good durability.	Plastic products - White masterbatch Flexible PVC - Rubber products

Typical Properties

Resin Properties	Unit	Typical Value	Test Method
Production process	-	≥ 91	-
Inorganic surface treatment	-	≥ 95	-
Titanium dioxide content	%	≤ 0.8	-
Average particle size	μm	6.0–9.0	-
pH of aqueous suspension	-	≤ 20	-
Oil absorption	g/100 g	≤ 0.02	-
Whiteness	Compared with standard	Not lower than standard	

Packaging

Supplied in paper bags with a net weight of 25 kg per bag.

تهران، خیابان شریعتی، پایین تر از پل صدر، کوچه بهادر، پلاک ۳ تلفن - نمابر ۰۲۱ ۷۱۷۶۲
No3, Bahador St, against the british embassy garden, shariati, Tehran, Iran Telefax:+98-21-71762