

Rubber Accelerators

SUNNYJOINT® Predispersed Rubber Chemicals

TiO₂-80

Specification

Composition	80% titanium dioxide, 20% EPDM/EVA binder and dispersing agents
Appearance	White granules
Density, 20 °C	Approx. ~ 1.95 g / cm ³ (20°C)
Physiological properties :	See safety data sheet (MSDS)
Mooney viscometer 50 ± 15 °C	Hardness(25°C) 70 ± 10°C
Raw material characteristics of TiO ₂ :	
TiO ₂ content ≥ 93%	Rutile Contents % ≥ 97%
Reducing power ≥ 1820	PH Value 6.5-8.0
Matter volatile at 105°C % ≤ 0.60	Oil absorption % (g/100g) ≤ 19.0
Residue in 45 μ m sieve % ≤ 0.03	Resistivity, Ω m ≥ 60

Properties:

TiO₂ is generally used in rubber products, and its reinforcement performance is better than that of clay and calcium carbonate, which gives the vulcanized rubber better heat resistance and lower heat generation. The rutile titanium dioxide pigment is produced by the chlorination method. It has high hiding power and a very blue hue, so that the natural colored resin can produce bright white even at very low dosages.

Uses:

Mechanical articles of all kinds, e.g. treads, carcasses, air hoses, conveyor belts, transmission belts, hoses, cable insulations.

PPR pipes, PPR pipe fittings, white bottle caps, white plastic buckets, white plastic cans, etc.

Package: Net 25 kg cartons.

Storage Life: In original closed containers under cool and dry conditions max. 2 years.