



Technical Data Sheet

ITCO SIL™ DCPX 8005 (D5, Decamethylcyclopentasiloxane)

Synonyms	Cyclopentasiloxane, decamethyl-; Cyclomethicone 5; Dimethylsiloxane pentamer
CAS No.	541-02-6
EINECS No.	208-764-9
Molecular Formula	C ₁₀ H ₃₀ O ₅ Si ₅
Molecular Structure	
Molecular Weight	370.77

Test	Unit	Specification
Appearance	-	Colorless clear liquid
Purity	%	99.0
D4 Content	%	Less than 1
*Solubility	-	Insoluble in water
*Moisture Content	ppm	Less than 100

Note: *Tests only for information and will not be reported on COA

Applications

ITCO SIL™ DCPX 8005 is well-known as D5 or Cyclomethicone.

It is widely used in cosmetics and human care products, excellent compatibility with most of alcohol and other cosmetic solvents

Packaging

200L Steel drum; 1000L IBC drum

Storage and Handling

Keep in cool, dry and well-ventilated place, far away from fire, heat source, Storage temperature < 30°C. Avoid direct sunlight, sealed tightly, and do not contact with air. Avoid moisture, no contact with oxidants, acid and alkali.

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