

Cosutin Industrial CO., Limited

UNIT B, 10/F LEE MAY BUILDING 788-790 NATHAN ROAD
MONGKOK, KOWLOON, H.K
TEL.: +852 21395855 FAX: +852 81673777

HFC 365/TDCE(80:20)

GENERAL DESCRIPTION

HFC 365mfc/TDCE (80:20) is the perfect balance of characteristics of both third generation blowing agents. Good thermal conductivity.

SPECIFICATIONS

Appearance :	Colourless and not turbid
Purity, %	≥99.75
Moisture%	≤0.001
Evaporation residue%	≤0.01
Acidity (as HCl) %	≤0.0001
Free Chloride, no visible turbidity (indicates about 3 ppm)	Pass
Particulates / solids (visually clean to pass)	Pass

PROPERTIES

1,1,1,3,3-pentafluorobutane(HFC 365mfc)

CAS Number	:	406-58-6
Symbols	:	F
Phrases R	:	11
Concentration	:	80.00 %

Trans 1,2 Dichloroethylene

CAS Number	:	156-60-5
Symbols	:	F
Phrases R	:	11
Concentration	:	20.00 %

Appearance: Liquefied
Color/Colour: colorless/colourless
Odor/Odour: ethereal

Chemical name: 1,1,1,3,3-pentafluorobutane/ Trans 1,2 Dichloroethylene
Chemical formula: C₄H₅F₅/ C₂H₂Cl₂
Molecular weight: 137.8
Normal boiling point °C: 42
Vapor Pressure: 43.3 – 53.33 kPa temperature 30 Cel
Flash Point: None
melting point: No data
Range of flammability (vol% in air): 3.4-13.0 vol%(HFC 365mfc)
Vapor Density: 4.7~4.8 at 20 °C (Air = 1.0)
Density: 1.26~1.27 g/cm³ at 20 °C
Viscosity: 0.4 mPa.s temperature 25 Cel

Hazard pictogram(s): no pictogram required

Safety Description:

S59 Refer to manufacturer / supplier for information on recovery / recycling.

Cosutin Industrial CO., Limited

S61 Avoid release to the environment. Refer to special instructions / safety data sheets.