

MOL Group CHEMICALS

Ortho-xylene

About the product

Ortho-xylene is a clear and colourless liquid with a characteristic odour. Repeated or prolonged exposure may cause a skin rash. It is flammable at room temperature. Ortho-xylene reacts violently with strong oxidants causing fire and explosion hazard.

Application

Ortho-xylene is the second largest of the three commercial isomers of xylene. Majority of ortho-xylene consumption is dedicated for phthalic anhydride (PAN) production. The major use for PAN is in plasticizers for PVC strongly tied to the housing market and unsaturated polyester resins used in manufacture of reinforced laminates for the construction and automobile industries as well as in alkyd resins used in solvent-based paints.

All handlers of ortho-xylene product must fully understand and observe the "Material Safety Data Sheet (MSDS)" to prevent leakage because it is highly flammable and poisonous.

Product quality requirements

Ortho-xylene product is produced by MOL's Danube Refinery (Százhalombatta, Hungary) and SLOVNAFT Refinery (Bratislava, Slovakia). Their base quality properties are specified in the following tables:

MOL refinery:

Property	unit	Test method	Limits	
			Minimum	Maximum
Density at 15 °C	kg/m ³	MSZ EN ISO 12185	882	885
Orthoxylene content	% m/m	ASTM D 3797	98.5	-
Total non Aromatics	% m/m	ASTM D 3797	-	0.5
Iso Propyl Benzene	% m/m	ASTM D 3797	-	0.6
Colour (HAZEN)	-	ISO 6271	-	10
Sulphur Dioxide	-	ASTM D 853	-	free
Hydrogen Sulphide	-	ASTM D 853	-	free

Slovnaft refinery:

Property	unit	Test method	Limits	
			Minimum	Maximum
Density at 15 °C	kg/m ³	STN EN ISO 12185	882	885
Orthoxylene content	% m/m	STN 66 2108	98.5	-
Total non Aromatics	% m/m	STN 66 2108	-	0.5
m,p- Xylenes content	% m/m	STN 66 2108	-	0.2
Colour (HAZEN)	-	STN 65 0340	-	10
Sulphur content	mg/kg	STN EN ISO 20846	-	5

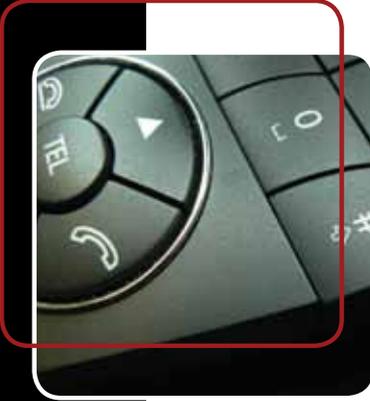


Slovnaft

MOL

Commercial information:

Product name	Refinery	Product item	Tariff item	Product ID
o-Xylene	Slovnaft	L14200	2902 41 00	SN_0204_00 or its modification
o-Xylene	MOL	11000023	2902 41 00	MOL_0202_022 or its modification



Distribution: road and railtank cars

For further information please contact Your MOL or Slovnaft sales person or contact us
via e-mail: info@molgroupchemicals.com



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