

THE CHEMICAL BROTHERS GROUP

SPECIFICATIONS: XYLENE

Formula: C₈H₁₀
CAS: 1330-20-7
Date of Mfg.: 7th April 2023

TEST ITEMS	UNIT	SPECIFICATION	TEST METHOD	TEST RESULT
				120D-830
APPEARANCE		CLEAR	ASTM D4176	CLEAR
ACIDITY	mg/100mL	NO FREE ACID	ASTM D847	NO FREE ACID
COLOR, ACID WASH		NO.5 MAX	ASTM D848	NO.1
COLOR, PT-CO SCALE		NO.20 MAX	ASTM D1209	NO.1
BROMINE INDEX	mg/100g	20 MAX	ASTM D1492	1.8
COPPER CORROSION	30m/100 °C	PASS	ASTM D849	PASS
DISTILLATION, IBP	°C	137.0 MIN	ASTM D850	138.6
DISTILLATION, DP	°C	143.0 MAX	ASTM D850	140.8
DISTILLATION, IBP-DRY RANGE		5 MAX	ASTM D850	2.2
SP. GR. @15.56/15.56 °C		0.8650 - 0.8750	ASTM D4052	0.8707
NON-AROMATICS	WT PCT	4.0 MAX	ASTM D7504	0.863
BENZENE	WT PCT	REPORTED	ASTM D7504	0.009
TOLUENE	WT PCT	REPORTED	ASTM D7504	0.290
ETHYL-BENZENE	WT PCT	REPORTED	ASTM D7504	10.973
PARA-XYLENE	WT PCT	REPORTED	ASTM D7504	20.144
META-XYLENE	WT PCT	REPORTED	ASTM D7504	44.681
O-XYLENE	WT PCT	REPORTED	ASTM D7504	22.992
C9 AROMATICS	WT PCT	REPORTED	ASTM D7504	0.048
C10 AROMATICS	WT PCT	REPORTED	ASTM D7504	0.000
SULFUR	WT PPM	1 MAX	ASTM D5453	0.10

End of Report*