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The following table provides volume correction factors in metric units based at 15 °C for all blends of O-xylene, M-xylene and P-xylene with density ranges of 865 to 875 kg/m³ at 15 °C. This table has been developed from ASTM D 1555-68a (in British units).

Volume Correction Factors to 15 °C for Xylene Blends					
Temperature (°C)	Volume Correction Factor	Temperature (°C)	Volume Correction Factor	Temperature (°C)	Volume Correction Factor
-30.0	1.0425	-3.0	1.0174	24.0	0.9913
-29.5	1.0420	-2.5	1.0169	24.5	0.9908
-29.0	1.0415	-2.0	1.0164	25.0	0.9903
-28.5	1.0411	-1.5	1.0160	25.5	0.9898
-28.0	1.0406	-1.0	1.0155	26.0	0.9893
-27.5	1.0402	-0.5	1.0150	26.5	0.9888
-27.0	1.0397	0.0	1.0145	27.0	0.9883
-26.5	1.0393	0.5	1.0141	27.5	0.9878
-26.0	1.0388	1.0	1.0135	28.0	0.9873
-25.5	1.0384	1.5	1.0131	28.5	0.9868
-25.0	1.0379	2.0	1.0126	29.0	0.9863
-24.5	1.0374	2.5	1.0121	29.5	0.9859
-24.0	1.0370	3.0	1.0116	30.0	0.9854
-23.5	1.0365	3.5	1.0112	30.5	0.9849
-23.0	1.0361	4.0	1.0107	31.0	0.9844
-22.5	1.0356	4.5	1.0102	31.5	0.9839
-22.0	1.0352	5.0	1.0097	32.0	0.9834
-21.5	1.0347	5.5	1.0093	32.5	0.9829

Volume Correction Factors to 15 °C for Xylene Blends					
Temperature (°C)	Volume Correction Factor	Temperature (°C)	Volume Correction Factor	Temperature (°C)	Volume Correction Factor
-21.0	1.0343	6.0	1.0087	33.0	0.9824
-20.5	1.0338	6.5	1.0083	33.5	0.9819
-20.0	1.0334	7.0	1.0078	34.0	0.9814
-19.5	1.0329	7.5	1.0073	34.5	0.9809
-19.0	1.0324	8.0	1.0068	35.0	0.9804
-18.5	1.0320	8.5	1.0064	35.5	0.9800
-18.0	1.0315	9.0	1.0059	36.0	0.9794
-17.5	1.0311	9.5	1.0053	36.5	0.9790
-17.0	1.0306	10.0	1.0049	37.0	0.9784
-16.5	1.0302	10.5	1.0044	37.5	0.9780
-16.0	1.0297	11.0	1.0039	38.0	0.9775
-15.5	1.0293	11.5	1.0034	38.5	0.9770
-15.0	1.0288	12.0	1.0029	39.0	0.9765
-14.5	1.0283	12.5	1.0025	39.5	0.9759
-14.0	1.0278	13.0	1.0020	40.0	0.9754
-13.5	1.0274	13.5	1.0015	40.5	0.9750
-13.0	1.0269	14.0	1.0010	41.0	0.9744
-12.5	1.0264	14.5	1.0005	41.5	0.9740
-12.0	1.0259	15.0	1.0000	42.0	0.9734
-11.5	1.0255	15.5	0.9996	42.5	0.9730

Volume Correction Factors to 15 °C for Xylene Blends					
Temperature (°C)	Volume Correction Factor	Temperature (°C)	Volume Correction Factor	Temperature (°C)	Volume Correction Factor
-11.0	1.0250	16.0	0.9991	43.0	0.9725
-10.5	1.0245	16.5	0.9986	43.5	0.9720
-10.0	1.0240	17.0	0.9981	44.0	0.9715
-9.5	1.0236	17.5	0.9976	44.5	0.9710
-9.0	1.0231	18.0	0.9971	45.0	0.9705
-8.5	1.0226	18.5	0.9966	45.5	0.9700
-8.0	1.0221	19.0	0.9962	46.0	0.9694
-7.5	1.0217	19.5	0.9957	46.5	0.9690
-7.0	1.0212	20.0	0.9952	47.0	0.9684
-6.5	1.0207	20.5	0.9947	47.5	0.9680
-6.0	1.0202	21.0	0.9942	48.0	0.9675
-5.5	1.0198	21.5	0.9937	48.5	0.9670
-5.0	1.0193	22.0	0.9932		
-4.5	1.0189	22.5	0.9928		
-4.0	1.0183	23.0	0.9923		
-3.5	1.0179	23.5	0.9918		