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TORPEDO LADLE CAR REFRACTORIES

Item Index	MTC - 70W	MTC - 70BC	MTC - 65A	MTC - 70SF	MTC - 70P	MTC - 8C3	MTC - 120
Application	Impact Pad	Slag Line, Free Board, Slag line (B.H.)	Metal Zone, Free Board, Bulk Head (B.H.)				
Al ₂ O ₃ , % ≥	75	70	65	70	70	62	---
Fe ₂ O ₃ , % ≤	12	---	---	---			
SiC + C %, ≥	12 + 6	12 + 6	15	---		15	---
Refractoriness (*C) ≥	1790	1790	---	---	1790		
Apparent Porosity (%) ≤	6	6	10	---			
Cold Bending Strength (Mpa) ≥	68	60	45	110 °C x 24h: 9.0 110 °C x 3h: 5.5	1.5 (110 °C x 24h)	1.2 (110 °C x 24h)	110 °C x 24h: 2.5
Cold Crushing Strngth (Mpa) ≥	60	60	50	110 °C x 24h: 40 110 °C x 3h: 650	6 (110 °C x 24h)		110 °C x 24h: 25
Adesion Time, Minute,						1 ~ 2	
Refractoriness Under Load (°C) ≥	1650	1650	1600				---
Reheating Liner Change (%)	1500 °C x 2hrs + 0.4 ~ + 1.2	1500 °C x 2hrs + 0.4 ~ + 1.2	1500 °C x 2hrs - 0.1 ~ + 0.4	110 °C x 24hrs ± 0.4	+/- 2.0		1200 °C x 3hrs 0 ~ 1.5
Bulk Density (c/cm ³) ≥	2.95	2.92	2.65	---			1.6
Contained Water, %, ≥					13		
Plastic Index					15 ~ 40%		

*The above data are typical properties. The data is subject to reasonable variations in manufacturing and should not be used for specification purposes.