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REFRACTECH INSULATING FIREBRICK CATALOGUE

PRODUCTS: GT23, GT26, GT28, GT30, GT32 INSULATING FIREBRICKS
B-5, B-6 INSULATING FIREBRICKS



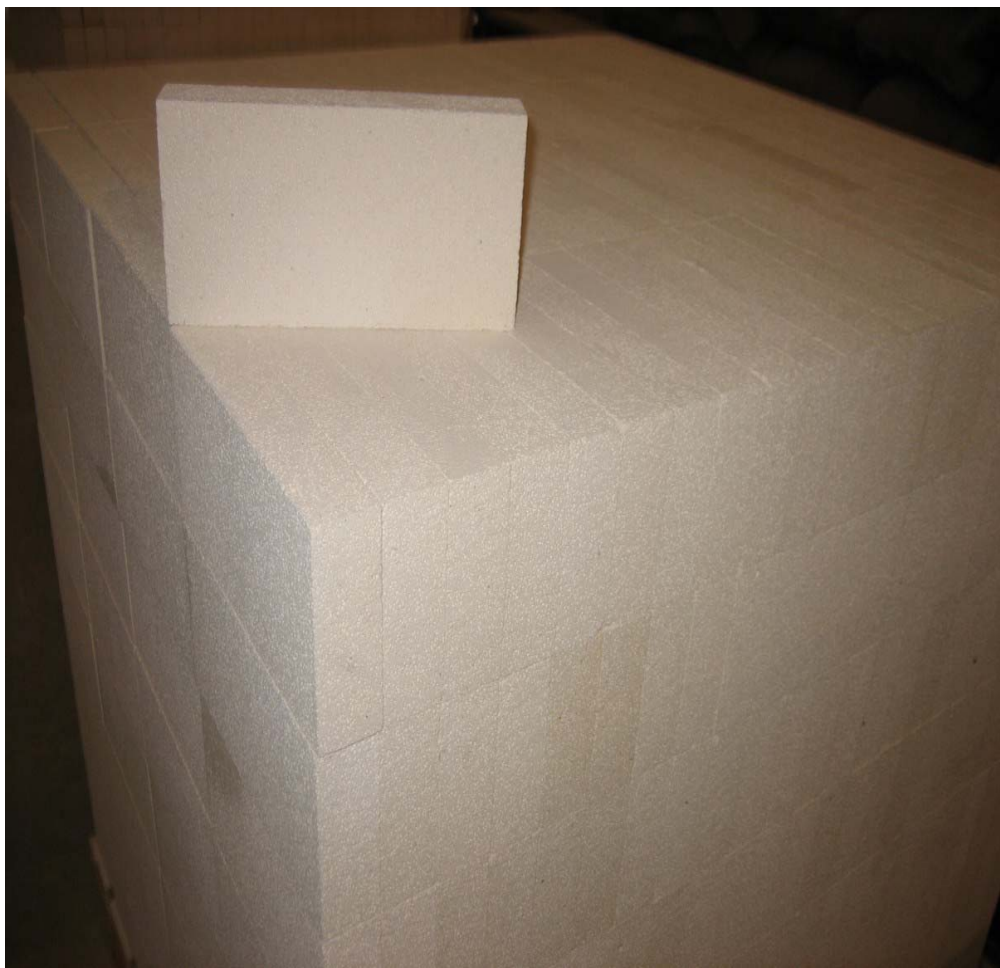












The products of insulating firebricks B5, B6 and GT-23, GT-26, GT-28, GT-30, GT-32 are our typical products which we have a capacity of more than 1200 tonnes per month. All the products are completely manufactured according to the JIS and ASTM standard and the standard of Danieli Corus Europe BV.

Our products are widely used in kilns and heaters of the metallurgical industry, machinery industry, electronics industry, building materials industry and petroleum chemical industry. The high temperature insulating firebricks are used for the inner lining materials in the ethylene splitting decomposition heaters of the petroleum chemical industry. They are sold well to South Korea, Indonesia, Vietnam and the Middle East areas. We welcome your enquires for the IFB's we offer.

Brand	GT23	GT26	GT28	GT30	GT32
Quality					
Bulk Density (g/cm ³)	0.55-0.60	0.78	0.88	1.03	1.25
Cold Crushing Strength (Mpa)	1.2	1.6	2.1	2.5	3.5
Modulus of Rupture (Mpa)	0.9	1.4	1.6	2.1	2.1
Reheating Linear Change (%) CT -30 jæ X 8H	1230 jæ -0.5	1400 jæ -0.5	1510 jæ -0.5	1620 jæ -0.9	1730 jæ -0.9
Thermal Expansion 1100 jæ £" % £©	0.5	0.7	0.8	0.9	1.1
Thermal conductivity £" W/m.k £©	400 jæ	0.14	0.27	0.32	0.41
	600 jæ	0.16	0.29	0.34	0.43
	800 jæ	0.18	0.31	0.36	0.44
	1000 jæ	0.20	0.33	0.38	0.45
Al ₂ O ₃	37	58	67	73	77
Fe ₂ O ₃	1.0	1.0	1.0	0.5	0.4

Quality	Brand	B5	B6
Bulk Density (g/cm ³)		0.78	0.86
Cold Crushing Strength (Mpa)		2.8	3.5
Modulus of Rupture (Mpa)		1.7	2.0
Reheating Linear Change (%) CT -30 jæ X 8H		1300 jæ - 0.53	1400 jæ -0.54
Thermal Expansion 1100 jæ £" % £©		0.5	0.43
Thermal conductivity £" W/m.k £© 350 jæ		0.22	0.24
Al ₂ O ₃ %		32	36
SiO ₂ %		63	62
Fe ₂ O ₃ %		1.0	1.0