

4. 石化工業爐通用輕質隔熱不定形耐火材料

Unshaped lightweight heat-insulating refractory products generally used in boilers for petrochemical industry

XQJ 系列不定形耐火材料是本公司開發研制成功的新產品，它具有耐火度高、強度高、體積密度小、導熱系數低等特點。該系列產品廣泛適用於石化、工業各類加熱爐、常減壓爐、硫回收裝置等。

XQJ series of unshaped refractory materials are new products developed by this company, and have the property of high refractoriness, high intensity, low bulk density, and poor thermal conductivity. They are broadly used in heaters, ambient temperature pressure-reducing furnaces, and sulphur-reusing facilities.



輕質澆注料 Lightweight casting material

名稱 牌號 Brand of name	指標 Index	容重 110℃ Capacity kg/m ³	耐壓強度 815℃ Crushing strength Mpa	抗折強度 815℃ Bending strength Mpa	燒後線變化 Sintered linear change %	導熱系數 Thermal conductivity W/M · K	備注 Remarks
XQJ-1700		1700	15	2.55	1400℃ ≤-0.3	800℃ ≤0.7	化肥廠油爐 (使用溫度 1700℃) Oil furnace in fertilizer plants (Working temperature 1700℃)
XQJ-1400		1400	10.5	2.2	1300℃ ≤-0.6	500℃ ≤0.5	雙層襯裡耐磨層 Abrasion-resistant layer between the double layers
XQJ-1300		1300	10	2		≤0.35	兩器筒體及 管道單層隔熱 One heat-insulating layer for pipes and hydrogen reactor and high-pressure separator
XQJ-1250		1250	10	3	-0.2	0.31	兩器筒體及 管道單層隔熱 One heat-insulating layer for pipes and hydrogen reactor and high-pressure separator
XQJ-1200		1200	5.5	1.8	1100℃ ≤-0.8	500℃ ≤0.4	兩器筒體及 管道單層隔熱 One heat-insulating layer for pipes and hydrogen reactor and high-pressure separator
XQJ-1000		1000	4.0	1.0	900℃ ≤-0.3	500℃ ≤0.25	兩器筒體及 管道單層隔熱 One heat-insulating layer for pipes and hydrogen reactor and high-pressure separator

XQJ-900	900	3.5	1.0	900℃ ≤-0.4	350℃ ≤0.25	兩器筒體及 管道單層隔熱 One heat-insulating layer for pipes and hydrogen reactor and high-pressure separator
XQJ-700	700	3.0	0.6	900℃ ≤-0.5	350℃ ≤0.21	兩器筒體及 管道單層隔熱 One heat-insulating layer for pipes and hydrogen reactor and high-pressure separator
XQJ-600	600	1.2	0.6	±0.01	0.21	兩器筒體及 管道單層隔熱 One heat-insulating layer for pipes and hydrogen reactor and high-pressure separator
XBL-GQ	1000	3.2	1.2	815℃ <-0.25	500℃ <0.3	龜甲網隔熱層 Tortoise shell net heat-insulating layer
XOBL-GQ	1300	10	2.3	815℃ <-0.35	500℃ <0.35	無龜甲網隔熱層 Non-tortoise shell net heat-insulating layer
XDP-60	500	1300℃ 40	1300℃ 7.0	1300℃ ≤-0.5		硫回收裝置 Sulphor-reclaiming facility
XSQ-G	1350	10.5	2.0	1400℃ ≤0.5	500℃ <0.4	抗腐蝕隔熱層 Corrosion-resistant heat-insulating layer