

DARLEY REFRACTORIES AUSTRALIA PTY. LTD.

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PRODUCT

DARLEY 45

CLASSIFICATION

Dry Press High Duty Refractory

TYPICAL TECHNICAL DATA:

CHEMICAL COMPOSITION

	%
Silica	50-52
Alumina	43-45
Ferric Oxide	1.3
Titania	1.5
Accessory Oxides	1.2

PHYSICAL PROPERTIES

Bulk Density	2,250	kg/m ³
Apparent Porosity	17	%
Cold Compressive Strength	35	Mpa
Modulus of Rupture	7	Mpa
P.C.E.	32	Orton (1725°C)
Permanent Linear Change On Reheating to 1400°C/5hr	-0.2	%
Thermal Conductivity (*) @800°C Mean Temperature	1.44	W/m.°K

The above data is derived from routine testing of standard brick and is not a guaranteed specification. Unless agreed otherwise, supply and testing will be to the appropriate Australian Standard.