

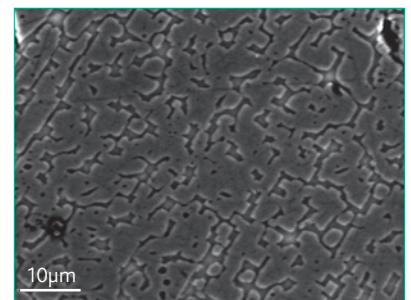
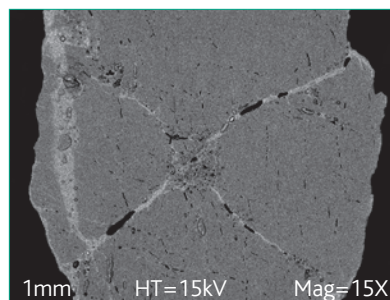
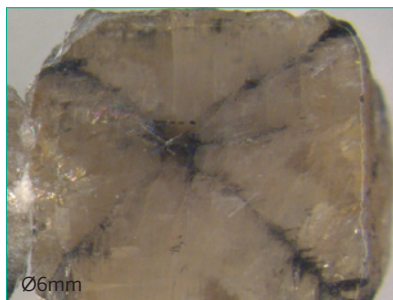
RANDALUSITE™ PREMIUM

Imerys Refractory Minerals offers the purest andalusite grade ever put on the market

High purity Andalusite (Alkalis <0.35% & Alumina >60%) obtained by advanced processing designed for high performance bricks & castables, opening doors to new applications for andalusite based refractory solutions.

CHEMICAL & MINERAL COMPOSITION

	Al ₂ O ₃	Na ₂ O + K ₂ O	Fe ₂ O ₃	Andalusite content
Randalusite™ Premium 3 - 8	60,5	0,20	0,62	> 97%
Randalusite™ Premium 1 - 4	60,1	0,24	0,73	> 96%

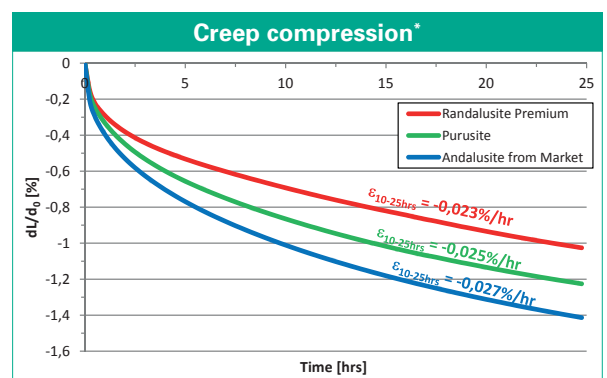
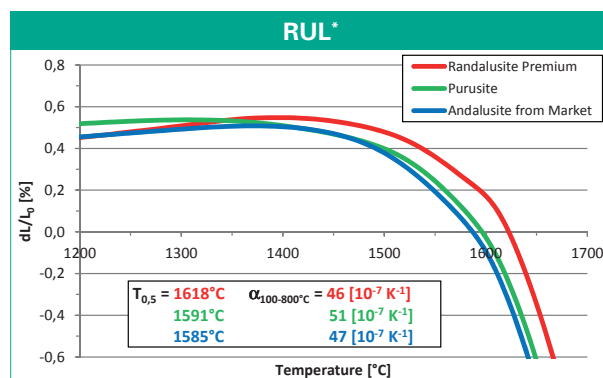


KEY PROPERTIES

- ◆ Refractoriness under load at 0,5% compression increase by approximately 30°C compared to standard andalusite
- ◆ Creep in compression rate at 1500°C shows a greatly decrease of value
- ◆ High thermal shock resistance

TEST RESULTS

High chemical and mineral purity improving substantially refractory thermo-mechanical performances, for instance on andalusite based bricks:



*Refractoriness under load & creep in compression at 1500°C on bricks according to European standards EN 993-8 and EN 993-9

Test the purest andalusite of the market. Samples available on demand.

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