

ACE armourXT™

New and Improved Superior ZTA Liner

ACEarmourXT™ is a **cost effective** 25% Zirconium wear liner specifically designed to provide optimum performance in **high impact applications**.

The increased Zirconium gives maximum protection and **extends service life**, making ACEarmourXT™ the ideal choice.



Item	Description	Unit	Result
Composition	ZTA	%	25.3
Material Properties	Apparent Porosity	%	2.6
	Apparent Density	g/cm ³	4.2
Mechanical Properties	Hardness	HV10	1455
	Fracture Toughness	MPa.m ^{1/2}	3.2
Rubber	Hardness	Shore A	60 +/- 5
	Elongation	%	400
	Resilience	%	65

Note:
Fracture toughness (K_{1c}) calculations were carried out using indentation methods used for median crack system; ref. Evans and Charles using HV values. A number of different equations and methods exist for fracture toughness calculation within the industry and may vary between analytical laboratories. Different calculation methods may not be readily comparable in terms of values as they may be based on different assumptions and empirically derived constants, and different values may be obtained depending on the method used. Thus all values for fracture toughness are indicative and best used comparatively using a preferred method of calculation.

For Additional Information

Call ACE on +61 8 9303 9944 or email info@australce.com



**PROTECTING ASSETS
ENHANCING EFFICIENCY**

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