

Borstar pipe grades–Approvals and Certifications

Borstar pipe grades comply with specifications according to ISO and EN standards on PE gas and water piping. This quality compliance is the reason for Borstar pipe grades being widely accepted and approved by end-users in many countries.

Compliance with type testing requirements prescribed in the ISO and EN standards, certified by accredited laboratories is as follows:

Grade	PE Gas & Water Piping Standards	Certification body	Critical Type Test
Borstar HE3490-LS	EN12201	Bodycote Polymers AB	MRS classification
	EN1555	SP Swedish National Testing and Research Institute	SCG
	ISO 4427		RCP
	ISO 4437		
Borstar HE3470-LS	EN12201	Bodycote Polymers AB	MRS classification
	EN1555	SP Swedish National Testing and Research Institute	SCG
	ISO 4427		RCP
	ISO 4437		
Borstar ME3440	EN12201	Bodycote Polymers AB	MRS classification
	EN1555	SP Swedish National Testing and Research Institute	SCG
	ISO 4427		RCP
	ISO 4437		

Meeting the pre-requisite of certification according to ISO and EN gas and water piping standards, Borstar pipe grades are widely accepted and approved by end-users, industry association and national approval bodies in many countries.

Country	Application	Approving body	Grade	Type	Year
Australia	Gas and Water	Plastics Industry Pipe Association of Australia Limited, PIPA	Borstar HE3490-LS	PE100	2003
			Borstar HE3470-LS	PE80B	2003
			Borstar ME3440	PE80B	2003
China	Pipe coating	CNPC	Borcoat HE3450	Pipe coating	2003
	Gas & water Pipe	Conformance to National Standards	Borstar HE3490-LS	PE100	2003
			Borstar HE3470-LS	PE80	2003
			Borstar ME3440	PE80	2003
Egypt	Pipe coating	Petrojet – pipe coating	Borcoat HE3450 & MEO420	Pipe coating	2003
	Gas & water Pipe		Borstar HE3490-LS	PE100	2003
			Borstar HE3470-LS	PE80	2003
			Borstar ME3440	PE80	2003
India	Pipe coating	EIL	Borcoat HE3450 & MEO420	Pipe coating	2003
		Conformance to National Standards	Borstar HE3490-LS	PE100	
			Borstar HE3470-LS	PE80	
			Borstar ME3440	PE80	
Iran	Pipe coating	NIGC – NIOC	Borcoat HE3450 & MEO420	Pipe coating	2002
	Gas	NIGC	Borstar HE3490-LS	PE100	2003
			Borstar HE3470-LS	PE80	2003
			Borstar ME3440	PE80	2003
Malaysia	Gas and Water Pipe	SIRIM	Borstar HE3490-LS	PE100	2003
			Borstar HE3470-LS	PE80	2003
			Borstar ME3440	PE80	2003

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Pakistan	Gas		Borstar HE3490-LS	PE100	2003
			Borstar HE3470-LS	PE80	2003
			Borstar ME3440	PE80	2003
Vietnam	Gas & water Pipe		Borstar HE3490-LS	PE100	2003
			Borstar HE3470-LS	PE80	2003
			Borstar ME3440	PE80	2003
Kingdom of Saudi Arabia	Gas & water Pipe		Borstar HE3490-LS	PE100	2003
			Borstar HE3470-LS	PE80	2003
			Borstar ME3440	PE80	2003
UAE	Gas & water Pipe		Borstar HE3490-LS	PE100	2003
			Borstar HE3470-LS	PE80	2003
			Borstar ME3440	PE80	2003

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