



ANISOTROPIC (AIMF) AND ISOTROPIC (IMF) INJECTION MOLDING FERRITE

Plastoferrite (Base Bario o Stronzio) ottenuta per stampaggio ad iniezione, anche con inserti metallici o plastici. Elevate precisioni dimensionali e ripetibilità su grandi volumi

Typical magnetic properties

Binder	Grade	Residual Induction (minimum values) (Br)		Coercivity (minimum values) (bHC)		Intrinsic Coercivity (minimum values) (jHC)		Max Energy Product (BH)max		Tensile Strength	Density	Material Type
		KGs	mT	Oe	KA/m	Oe	KA/m	MGOe	KJ/m3	Mpa	g/cm3	
PA6	IMF0606	1850	185		127	2902	231	0,80	6,4	-	-	ISOTROPIC
PA6	AIMF1006	2200	220	2148	171	3492	278	1,21	9,6	50	3.05	ANISOTROPIC
PA6	AIMF1206	2500	250	2399	191	2801	223	1,56	12,4	60	3.40	
PA6	AIMF1306	2600	260	2450	195	3203	255	1,71	13,6	50	3.45	
PA6	AIMF1406	2750	275	2500	199	3103	247	1,81	14,4	55	3.50	
PA6	AIMF1506	2800	280	2550	203	2990	238	1,96	15,6	54	3.60	
PA6	AIMF1606	2900	290	2600	207	3141	250	1,96	15,6	60	3.65	
PA6	AIMF1706	2950	295	2651	211	3304	263	2,21	17,6	50	3.70	
PA12	IMF0212	1150	115	992	79	2550	203	0,30	2,4	40	2.90	ISOTROPIC
PA12	AIMF1212	2650	265	2500	199	3141	250	1,61	12,8	50	3.45	ANISOTROPIC
PA12	AIMF1512	2800	280	2450	195	3141	250	1,91	15,2	40	3.60	
PA12	AIMF1612	2900	290	2500	199	3103	247	2,11	16,8	40	3.65	
PPS	AIMF13PPS	2600	260	2249	179	2852	227	1,66	13,2	40	3.55	

Note: The above properties are subject to change without notice. For details pls contact us

Other typical properties

Impact Strenght (PA6)	Impact Strenght (PA12)	Heat Distorsion Temperature (PA6)	Heat Distorsion Temperature (PA12)
Kgf/cm2	Kgf/cm2	°C	°C
14 < 20.9	13.5 < 24.5	157 < 172	124 < 149
Bending Strenght	Minimum saturationn field		
Mpa	KA/m > 640		
104 < 159	Koe > 10		

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