



PLASTIK, KAUCUK SAN. ve TIC. A.Ş.

POLYETHYLENE FITTING TEST REPORT
FOR DRINKING WATER
- EN 10204 3.1 -

DATE : 26.06.2021

PRODUCT : Ø 110 mm PE100 90° ELBOW

Customer Name : LLC GK PLASTIC

PN : 16

SDR : 11

STANDARD : EN 12201-3

Test	Test Method	Test Conditions	Number of Specimens	Unit	Test Values	RESULT
Hydrostatic Internal Pressure	ISO 1167-1/2	Temperature(°C) : 80 Pressure (bar) : 10,80 Time (Hour) : 165 Standart Value : <i>There should be no burst</i>	1	Bar	No failure of the test piece during test period	Complies
MFR	EN ISO 1133-1 Condition T	Temperature(°C) : 190 Weight (kg) : 5 Standart Value : 0,2 - 1,4	1	gr / 10 min	Raw Material : 0,24 Fitting : 0,23 Difference % : -4,2	Complies
Density	ISO 1183-1	Temperature(°C) : 23 Standart Value : ≥ 0,930	1	gr / cm ³	0,954	Complies
Carbon Black Content	ISO 6964	Standart Value : %2 - 2,5	1	%	2,31	Complies
Oxydation Induction Time	ISO 11357-1/6	Temperature(°C) : 200°C Standart Value : ≥ 20 min	1	Minute	≥ 20 min.	Complies
Appearance	EN 12201-3/Clause 5.1	Shall be smooth,clean and free from scoring,cavities and other surface defects	1	-	There is no negativity	Complies

Conclusion :

CONFORMS TO EN 12201-3

APPROVAL
Murat GÜNEŞ
Quality Engineer