

TEST REPORT OF THE PVC PROFILE SYSTEMS**Date** 23.08.2017**Standart Number** TS 5358 EN 12608**Pruduct** FIRATPEN PVC Window and Door Profiles (Andes Sliding Sash Profile)**Tester** İsmet Şahin

Test Name	Standart Number	Requirement	Result	Assessment
Heat Reversion	EN 479	max. %2	0,20%	OK
Impact Resistance at low temperature	EN 477	max. %10	0%	OK
Charpy V-notch impact strength	EN 179-1	min. 45 kJ/m ²	69 kJ/m ²	OK
Density	EN ISO 1183-1	1,43 ^{±0,03} gr/cm ³	1,432	OK
Vicat Softening Temperature	EN ISO 306	>78 °C	80	OK
Thermostability	EN ISO 182-2	> 30 min.	43	OK
Behaviour after heat storage	EN 478	no crack,bubbles and peeling	no crack,bubbles and peeling	OK
Deviation from straightness	-	max 1mm/m	0,3 mm	OK
Weldability	EN 514	2090 N	2810 N	OK
Resistance to artifical weathering	EN 513	Δb<3 ΔE<5	Δb : 2,06 ΔE : 3,18	OK

Uğur KABAK
Quality EngineerMutlu SÜNER
Quality Manager