

As of May 14-May-2020

Testing	Measurement result Proveil Grade B	Requirement CPA Quick Test FFP2	Requirement of complete conformity procedure FFP2	Result Pass / Fail
%Penetration of paraffin oil at 95 l/min	5.12 % (average of 3 measurements)	< 6.0%	3 samples factory-fresh/ 3 patterns temperate-conditioned/ 3 patterns according to usage simulation DIN EN ISO 149/ 7.9.2 Table 1: Max. 6%	Pass
%Penetration of NaCl at 95 l/min	3.45 % (average of 3 measurements)	N/A	DIN EN ISO 149/ 7.9.2 Table 1: Max. 6%	Pass
Respiratory resistance (without valve) inhalation 30 l/min	0.36 mbar (average of 3 measurements)	≤ 0.7 mbar	DIN EN ISO 149/ 7.16 Table 2: Max. 0.7 mbar at 30 l/min	Pass
Respiratory resistance (without valve) inhalation 95 l/min	1.20 mbar (average of 3 measurements)	≤ 2.4 mbar	DIN EN ISO 149/ 7.16 Table 2: Max. 2.4 mbar at 95 l/min	Pass
Respiratory resistance (without valve) exhalation 160 l/min	2.08 mbar (average of 3 measurements)	≤ 3.0 mbar	DIN EN ISO 149/ 7.16 Table 2: Max. 3.0 mbar at 160 l/min	Pass

Paraffin: Mixture of acyclic alkanes (saturated hydrocarbons) with the general formula C_nH_{2n+2} → relevant physical property: practically insoluble in water (< 0.1 g.l-1)