

## Dauphin Office Seating (Pty) Ltd: Dat-O-Operators Chair - Recertification Date July 2020; Expiry August 2023

Resources		Comments				
<b>Raw materials</b>	Steel	Polyamide	Polyurethane	Polypropylene	Abs	Polyethylene
<b>Nature of raw materials</b>	recycled	recycled	virgin	virgin	virgin	virgin
<b>% of raw materials in the final product</b>	24%	54%	9%	10%	1%	2%
<b>% of recycled content</b>	40-50%	80-90%	0%	0%	0%	0%
<b>Location of resource extraction</b>	Internationally >3000km	Internationally >3000km	Internationally >3000km	Internationally >3000km	Internationally >3000km	Internationally >3000km
<b>Type of transport used to move the raw materials to the place of manufacturing?</b>	SHIP	SHIP	SHIP	SHIP	SHIP	SHIP
<b>Additional environmental benefits/Innovation</b>	High recycled content in raw materials sourced. Improvement Opportunities: Increase recycled content within the Polypropylene and Polyethylene materials. Sourcing materials closer to the assembly facility.					
Manufacturing		Comments				
<b>% use of energy from renewable resources</b>		90-100%	In 2020 renewable energy use will be 100% from hydropower plants.			
<b>Energy use per ton of product</b>		261kWh/ton				
<b>Water use per ton of product</b>		0,32kL/ton				
<b>Has any of the following been implemented:</b>						
<b>Environmental Policy/Management system</b>		Yes	The organisation has established an environmental management system according to Regulation (EC) No 1221/2009 and EN ISO 14001:2015 sections 4 to 10 to promote the continual improvement of environmental performance. Registration Number DE-158-00119, valid until 30 April 2022.			
<b>Cleaner Production System</b>		No	Whilst a resource efficiency and cleaner production assessment has not specifically been done, continual improvement is maintained through the EMS.			
<b>Green Procurement Policy</b>		Yes	The dat-o range has an environmental declaration and the results for the individual phases of the product life cycle.			
<b>Environmental Awareness Policy</b>		Yes	Environmental awareness policy training is conducted as it is a key component and element of their corporate policy.			
<b>Waste Management Policy</b>		yes	As detailed in the environmental management system			
<b>CSI Projects</b>		No				

Is the project manufactured in South Africa?		No	The materials for the dat-o range are imported and assembled in South Africa.
Additional environmental benefits/Innovation			
<b>Product</b>		<b>Comments</b>	
Does the product use electricity?		No	
Does it increase energy efficiency or reduce energy consumption?		No	
% of reduction of water use		N/A	
Harmful emissions during use?		N/A	
Does the product contain Volatile Organic Compound (VOC)?		No	
Additional environmental benefits/Innovation			

<b>Packaging &amp; Distribution</b>						
Materials used for packaging		Cardboard	bubble wrap			
Packaging material		Cardboard	PE plastic			
Nature of the source of packaging		recycled	virgin			
% of recycled content of packaging		50-60%	0%			
Is the package reusable or recyclable?		Recyclable	Recyclable			
Is there a takeback policy for your packaging?		Yes				
Is there a plan to reduce packaging?		Yes	The EMS has a specific section where there is a policy to reduce packaging especially plastic.			
Distance from manufacturing plant to market of final product		Local (<100km)				
Type of transport used to move the product from the manufacturing plant to market		Ship	The main materials are transported to South Africa by Ship			
Additional environmental benefits/Innovation		If possible the product is delivered only partly assembled in a box so that smaller boxes and less packaging is required.				
<b>End-of-life/Recyclability</b>						
Expected lifespan of product		10-20 Years				
Can the product be easily separated into its single components for repair, re-use or recycling?		yes	Product can be repaired / reused and / or recycled			
% of the product that can be reused		90-100%				
% of the product that can be recycled		90-100%				

<b>Support or take back system for re-processing or responsible disposal of product</b>		No	Not at this stage in South Africa
<b>Any emissions or harmful substances released into the environment during the disassembly or degradation of the finished product?</b>		No	
<b>Additional environmental benefits/Innovation</b>			